

AIR QUALITY MONITORING REPORTS 1977

Volume 3



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AIR MONITORING STATION



Ontario

Ministry
of the
Environment

Hon. Harry C. Parrott, D.D.S.,
Minister

Graham W. S. Scott,
Deputy Minister

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AIR QUALITY MONITORING REPORT

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DOCUMENTS

ONTARIO 1977



VOL.3



Ministry
of the
Environment

Hon. Harry C. Parrott, D.D.S.,
Minister

Graham W. S. Scott,
Deputy Minister

VOLUME 3

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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12002 CITY HALL 444 WINDSOR AVE WINDSOR													MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	3	2	3	0	0	0	0	0	3	5	0	1	
2	1	2	2	0	1	2	4	3	0	3	0	3	2	
3	2	0	2	2	3	4	2	2	2	2	0	0	2	
4	0	0	0	2	2	2	2	2	2	6	11	9	3	
5	8	1	2	3	7	10	3	3	2	3	2	5	4	
6	3	4	0	2	2	3	2	3	3	3	3	3	3	
7	6	3	0	2	2	2	1	2	2	5	4	4	3	
8	5	3	4	3	2	2	1	3	2	0	0	0	1	
9	2	0	0	2	0	2	2	0	2	0	0	0	2	
10	0	0	3	0	2	4	2	2	2	1	-	-	2	
11	-	-	-	-	-	-	-	-	-	-	-	-	-	
12	-	-	-	-	-	-	-	-	3	1	4	8	*****	
13	3	11	3	4	4	6	3	2	6	0	2	5	4	
14	6	1	3	4	6	8	5	3	3	2	2	1	4	
15	2	4	2	5	7	4	2	1	6	0	2	2	3	
16	2	1	0	1	6	0	2	0	2	5	1	6	2	
17	6	1	5	4	2	2	5	2	6	0	1	2	3	
18	1	4	0	9	9	5	2	0	3	1	3	3	3	
19	2	1	2	4	5	2	1	0	2	2	0	2	2	
20	4	9	6	6	5	5	2	2	6	2	1	3	4	
21	4	1	4	3	8	0	2	0	2	1	4	0	2	
22	0	1	0	3	2	1	0	4	0	3	1	4	2	
23	4	1	4	0	1	6	0	2	0	3	2	1	2	
24	0	0	2	3	1	2	3	4	4	5	6	0	3	
25	4	2	0	4	0	2	0	3	0	0	3	0	2	
26	2	4	1	2	6	2	0	3	1	2	1	0	2	
27	2	2	2	2	6	2	0	3	0	4	5	2	2	
28	0	4	2	3	3	5	2	1	0	2	0	2	3	
29	4	1	0	2	1	2	0	0	1	2	1	1	2	
30	4	3	0	0	2	1	1	0	0	2	2	1	2	
31	2	4	3	5	1	3	1	2	1	4	2	3	3	
MEAN	3	2	2	3	3	3	2	2	2	2	2	2	2.4	

PERCENTAGE OF DATA VALID - 94.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 5.9

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12002 CITY HALL 444 WINDSOR AVE WINDSOR													MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	2	2	2	2	2	2	2	4	0	1	2	
2	1	3	0	2	1	2	2	2	2	0	3	4	2	
3	2	0	3	1	2	2	4	4	0	2	2	0	2	
4	2	1	4	2	5	3	2	2	0	4	5	0	3	
5	3	2	0	4	0	0	3	1	2	2	0	2	1	
6	0	1	3	4	0	3	3	1	2	2	4	2	2	
7	1	1	2	5	3	0	3	2	2	0	4	2	2	
8	5	3	5	2	8	4	3	3	2	3	1	0	3	
9	4	1	6	4	3	4	2	2	4	6	4	4	4	
10	2	5	2	4	7	8	6	2	3	2	2	2	4	
11	0	4	2	4	1	8	0	6	4	2	6	3	3	
12	6	4	0	3	2	4	2	2	3	3	3	2	3	
13	0	4	1	2	1	3	1	2	0	2	0	0	1	
14	2	2	3	0	2	4	3	1	0	4	0	3	2	
15	1	0	0	0	0	5	0	2	0	2	1	0	1	
16	2	1	2	2	1	2	0	2	0	1	0	1	1	
17	2	6	0	4	6	-	-	-	-	-	-	-	*****	
18	-	-	-	-	-	-	-	-	-	-	-	-	-	
19	-	-	-	-	-	-	-	-	-	-	-	-	-	
20	-	-	-	-	-	-	-	-	-	-	-	-	-	
21	-	-	-	-	-	-	-	-	-	-	-	-	-	
22	-	-	-	-	-	-	-	-	2	0	2	0	*****	
23	2	3	3	0	3	5	2	2	0	2	3	1	2	
24	2	2	1	5	4	0	2	5	0	2	0	0	2	
25	0	2	1	2	0	2	2	2	0	2	0	0	1	
26	2	2	0	0	0	7	0	2	0	0	0	0	1	
27	0	2	1	2	3	0	0	0	3	0	2	0	1	
28	7	2	3	2	3	2	2	2	2	7	2	2	3	
MEAN	2	2	2	2	2	3	2	2	1	2	2	1	2.1	

PERCENTAGE OF DATA VALID - 81.3 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 18.5

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES												MEAN
	STATION - SW	NO 12002	CITY HALL 444	WINDSOR AVE	WINDSOR	MONTH - MAR	77	22	24	24	24	24	
1	6	2	2	2	3	0	2	0	4	0	0	2	2
2	0	5	5	3	5	0	2	4	3	0	5	5	3
3	2	5	1	6	3	1	3	2	2	2	0	2	2
4	2	2	2	0	3	1	3	0	3	1	0	3	2
5	0	2	1	2	0	2	0	2	0	3	0	3	1
6	0	2	1	0	2	0	2	0	****	-	-	-	1
7													
8													
9													
10													
11	-	-	-	-	-	-	-	3	0	6	5	*****	
12	1	5	2	1	2	2	2	0	3	2	1	2	2
13	2	0	2	0	0	0	2	2	0	1	3	1	1
14	5	1	0	2	2	1	2	2	0	1	0	3	2
15	0	4	0	1	0	2	3	0	3	1	2	2	2
16	2	0	0	2	2	0	2	1	0	2	0	1	1
17	0	0	2	0	2	1	1	0	0	2	0	0	1
18	2	1	0	0	2	1	2	0	2	0	0	1	1
19	0	0	2	1	0	2	1	3	1	3	0	2	1
20	0	1	0	1	1	3	1	2	2	1	0	2	1
21	4	5	2	2	2	3	****	0	2	3	2	6	3
22	0	2	0	0	0	2	4	0	0	2	2	2	1
23	2	2	1	4	5	2	6	0	3	0	2	2	2
24	0	3	2	2	0	0	0	3	1	3	0	0	1
25	4	0	0	1	2	4	1	2	2	1	2	3	2
26	1	0	4	0	2	0	0	1	1	0	0	2	1
27	2	2	0	3	1	0	2	2	0	4	0	2	2
28	2	0	2	0	3	0	3	2	2	1	1	0	1
29	3	0	2	1	0	3	0	1	2	0	2	0	1
30	0	3	0	2	0	5	1	6	0	2	0	0	2
31	1	0	2	2	0	2	2	3	0	0	0	2	1
MEAN	2	2	1	2	2	1	2	1	2	1	1	2	1.6

PERCENTAGE OF DATA VALID - 83.6

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 15.9

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEJ5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES												MEAN
	STATION - SW	NO 12002	CITY HALL 444	WINDSOR AVE	WINDSOR	MONTH - APR	77	22	24	24	24	24	
1	0	2	0	2	3	1	2	0	1	0	0	2	1
2	2	1	1	2	0	2	0	2	4	1	3	2	2
3	0	0	0	0	0	0	2	0	1	0	3	0	1
4	0	1	0	2	1	0	2	0	3	1	0	0	1
5	3	0	2	0	1	2	0	2	2	0	2	1	1
6	0	1	0	2	1	****	1	1	7	1	3	1	1
7	3	3	0	5	1	0	0	2	0	0	0	0	2
8	3	1	3	1	2	0	0	0	1	0	0	3	1
9	3	0	2	3	1	5	0	5	1	0	2	1	2
10	2	0	3	2	0	1	5	0	5	0	2	2	2
11	2	2	3	0	3	3	1	3	3	0	4	7	3
12	2	5	1	3	2	4	0	2	0	7	2	5	3
13	0	0	7	5	2	0	3	2	1	0	0	1	2
14	0	0	0	2	0	2	2	1	3	0	2	2	1
15	0	3	2	0	5	5	2	0	2	2	0	0	2
16	3	2	2	3	0	2	3	1	2	0	2	3	2
17	1	3	0	2	0	0	3	2	5	0	0	1	1
18	2	0	2	2	3	5	2	2	4	5	3	3	3
19	4	3	2	3	6	5	7	4	3	3	2	3	4
20	0	1	3	3	0	2	0	3	0	2	0	0	1
21	4	0	2	0	0	2	7	1	1	4	1	2	2
22	0	0	2	2	2	5	0	****	2	0	2	0	1
23	0	5	0	0	1	0	2	1	1	1	1	1	1
24	0	1	1	0	3	1	1	1	3	0	3	1	1
25	0	0	1	2	1	0	0	0	3	1	0	1	1
26	1	0	3	1	2	3	1	0	1	0	1	1	1
27	3	3	1	0	3	0	0	3	2	2	0	2	1
28	0	5	1	3	5	1	1	1	3	0	1	5	2
29	0	5	1	3	5	1	1	1	3	0	1	5	2
30	1	3	7	5	7	0	0	0	0	1	1	3	2
MEAN	1	2	2	2	2	2	2	1	2	1	2	2	1.7

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEJ5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12002 CITY HALL 444 WINDSOR AVE WINDSOR													MONTH - MAY 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	0	1	3	3	0	1	0	1	1	1	1	1	
2	5	0	2	3	1	3	1	0	0	1	3	3	2	
3	5	0	1	3	0	0	0	0	0	0	0	1	1	
4	1	1	1	0	0	0	0	0	0	0	0	1	0	
5	0	0	1	0	3	1	0	0	1	0	1	0	0	
6	0	1	0	3	1	0	0	0	1	0	1	0	1	
7	1	0	3	0	0	0	0	0	1	0	1	0	1	
8	0	0	0	3	0	0	1	1	0	0	1	1	1	
9	0	0	2	1	2	0	2	1	0	3	2	0	1	
10	1	0	0	0	2	1	0	1	2	0	1	1	1	
11	2	2	2	1	2	1	1	1	0	1	0	2	1	
12	1	0	1	2	2	2	1	1	2	2	0	2	2	
13	0	2	1	0	3	2	0	1	1	2	0	2	1	
14	1	0	2	1	2	2	1	2	3	1	2	2	2	
15	2	1	2	3	1	3	2	0	1	2	0	1	2	
16	1	0	1	2	3	2	2	1	2	0	2	0	1	
17	0	2	4	0	4	3	1	3	5	0	0	1	2	
18	3	0	1	3	1	2	1	3	0	3	0	3	2	
19	1	0	1	7	0	2	1	2	2	1	1	1	2	
20	3	2	4	7	3	1	0	0	0	2	3	0	2	
21	1	4	1	1	0	1	1	1	0	1	2	-	1	
22														
23														
24														
25														
26														
27	0	4	3	1	5	0	2	0	0	1	0	0	*****	
28	5	5	1	7	4	0	0	3	3	1	0	1	2	
29	0	0	1	0	0	0	0	1	0	2	0	0	2	
30	0	3	0	1	0	0	3	1	0	2	3	0	1	
31	2	0	0	5	0	1	3	0	1	1	0	5	2	
MEAN	1	1	1	2	1	1	1	1	1	1	1	1	1.2	

PERCENTAGE OF DATA VALID - 84.7

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 14.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12002 CITY HALL 444 WINDSOR AVE WINDSOR													MONTH - JUN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	5	0	0	3	3	0	2	0	1	1	
2	2	1	0	0	3	1	3	1	1	1	0	1	1	
3	1	1	3	0	1	3	0	1	0	1	0	0	1	
4	0	0	1	3	3	7	0	1	7	1	1	0	2	
5	0	1	1	0	0	0	0	3	1	2	1	0	1	
6	3	1	1	1	0	1	0	3	3	0	1	1	1	
7	1	0	0	1	1	0	0	3	0	0	1	1	1	
8	1	1	3	3	3	1	0	1	1	3	1	3	2	
9	3	1	3	3	3	0	0	3	1	0	1	1	2	
10	3	3	3	1	1	0	3	0	1	1	3	1	2	
11	1	0	2	3	1	4	1	1	0	1	0	0	1	
12	0	1	3	0	3	0	1	3	3	1	0	1	1	
13	0	1	3	0	3	1	2	0	0	3	0	1	1	
14	1	1	0	0	3	2	3	1	0	1	1	0	1	
15	2	2	3	1	1	0	0	0	4	0	0	3	2	
16	0	0	1	0	0	2	0	1	0	3	2	2	1	
17	2	0	3	2	2	1	0	3	0	3	2	2	2	
18	2	1	0	3	3	2	0	0	2	2	0	3	2	
19	2	2	3	2	2	0	0	3	0	0	0	3	1	
20	2	0	3	3	0	0	2	1	0	0	1	1	1	
21	2	0	2	0	2	0	2	1	2	1	2	2	1	
22	2	0	0	2	2	0	0	0	3	0	0	0	1	
23	2	0	2	1	0	2	2	1	1	2	1	0	1	
24	2	2	3	1	4	2	0	2	0	2	0	2	2	
25	2	2	0	0	2	1	0	0	1	0	0	2	1	
26	2	0	0	0	2	0	2	0	0	0	0	0	1	
27	2	0	1	2	1	2	0	0	2	0	0	0	1	
28	3	3	2	2	0	5	3	1	3	0	4	1	1	
29	0	0	0	2	2	0	2	0	3	0	2	3	2	
30	0	0	3	2	0	2	2	0	3	0	2	2	1	
MEAN	1	1	2	1	2	1	1	1	1	1	1	1	1.3	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - SW NO 12002 CITY HALL 444 WINDSOR AVE WINDSOR													MONTH - JUL 77
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	0	3	0	0	2	4	0	4	1	2	2
2	0	2	0	2	1	0	0	2	0	0	1	21	2
3	3	2	3	2	2	1	0	0	1	2	3	0	2
4	3	0	0	3	0	0	3	0	0	2	2	0	1
5	3	2	1	3	2	2	***	0	3	0	2	0	2
6	5	1	3	2	2	2	0	3	1	0	1	2	2
7	0	3	3	0	2	0	0	2	0	3	0	0	1
8	3	0	0	2	0	0	1	0	1	0	2	2	1
9	0	2	0	0	0	0	2	0	1	0	0	0	1
10	0	1	0	0	0	0	0	2	1	2	0	0	1
11	0	2	2	3	0	0	***	0	2	2	1	5	2
12	3	3	3	4	1	1	3	0	2	3	2	4	2
13	2	1	3	0	2	2	6	0	0	4	2	1	2
14	3	2	4	3	0	3	2	2	0	2	3	0	2
15	2	4	3	3	2	2	2	1	0	1	3	0	2
16	0	2	0	0	3	2	2	2	1	4	2	0	2
17	2	3	2	2	0	0	2	2	0	2	2	3	2
18	4	2	5	2	1	2	2	3	2	0	3	1	2
19	3	3	3	4	2	0	1	0	1	2	1	2	2
20	1	0	2	2	3	2	0	0	2	2	2	0	1
21	1	2	3	2	3	3	2	2	2	2	3	2	2
22	2	2	0	0	0	0	0	2	2	0	2	2	1
23	2	4	0	2	3	1	2	2	2	0	2	2	2
24	1	0	2	1	5	6	2	3	4	0	0	2	2
25	2	1	2	2	1	0	3	2	0	0	3	0	1
26	0	2	0	2	2	2	0	0	0	0	2	0	1
27	0	2	3	0	0	0	0	0	1	1	2	0	1
28	2	2	0	2	1	2	***	-	-	-	-	-	*****
29							- DATA UNAVAILABLE -						
30							- DATA UNAVAILABLE -						
31							- DATA UNAVAILABLE -						
MEAN	2	2	2	2	1	1	1	1	1	1	2	2	1.5

PERCENTAGE OF DATA VALID - 88.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 11.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEW5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - SW NO 12002 CITY HALL 444 WINDSOR AVE WINDSOR													MONTH - AUG 77
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA UNAVAILABLE -						
2							- DATA UNAVAILABLE -						
3							- DATA UNAVAILABLE -						
4							- DATA UNAVAILABLE -						
5							- DATA UNAVAILABLE -						
6							- DATA UNAVAILABLE -						
7							- DATA UNAVAILABLE -						
8	-	-	-	-	-	-	***	1	2	0	0	2	*****
9	2	0	2	2	0	0	2	0	1	2	0	2	1
10	0	1	5	1	3	0	5	0	0	2	2	0	2
11	0	2	3	6	3	0	4	0	2	1	2	0	2
12	0	2	0	1	4	2	0	3	0	0	3	0	1
13	2	4	1	0	3	1	1	0	2	0	2	2	2
14	0	2	0	0	2	0	0	0	0	0	2	2	1
15	2	0	2	3	0	1	0	2	1	0	0	2	1
16	2	0	4	3	0	5	0	0	2	0	2	1	2
17	0	0	2	2	0	1	1	0	0	0	0	2	1
18	0	1	0	5	1	1	0	0	0	0	2	0	1
19	2	2	2	2	2	2	0	3	2	0	3	0	2
20	0	0	0	2	2	2	0	2	0	0	0	0	1
21	0	2	2	2	0	2	3	0	0	2	2	0	1
22	2	1	2	0	2	0	0	2	0	2	6	2	2
23	1	2	2	2	2	0	0	3	3	0	4	2	2
24	2	0	0	0	2	2	0	2	2	2	0	1	1
25	1	5	1	2	0	7	0	0	0	2	2	1	2
26	0	2	2	1	1	2	2	2	0	2	2	2	2
27	2	3	2	2	2	0	1	3	2	0	3	0	2
28	6	0	2	2	4	0	2	2	0	0	2	0	1
29	0	0	2	1	3	4	0	0	2	0	2	0	1
30	2	2	2	0	0	3	0	0	2	5	0	0	1
31	0	2	0	2	3	2	2	0	2	0	2	1	1
MEAN	1	1	2	2	2	2	1	1	1	1	2	1	1.3

PERCENTAGE OF DATA VALID - 75.5 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 24.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEW5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12002 CITY HALL 444 WINDSOR AVE WINDSOR													MONTH - SEP 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	3	2	2	3	2	3	3	3	0	3	2	2
2	4	0	0	5	1	2	0	2	2	2	1	1	2	2
3	2	2	2	0	0	2	1	0	0	2	0	1	1	1
4	0	2	0	0	0	0	0	1	0	0	0	0	1	1
5	2	0	2	0	1	2	0	0	2	0	0	0	1	1
6	0	0	1	0	0	2	0	0	1	0	0	3	1	1
7	0	2	0	0	****	1	0	0	3	2	3	2	1	1
8	0	2	2	0	0	2	0	3	0	2	0	2	1	1
9	2	2	3	3	2	0	2	2	6	4	2	0	2	2
10	2	2	5	3	0	3	1	0	0	3	2	4	2	2
11	0	4	4	6	3	1	1	2	0	1	4	2	2	2
12	0	5	1	6	6	2	3	0	5	0	3	0	3	3
13	1	2	3	3	6	6	3	4	2	1	2	1	3	3
14	0	0	0	3	0	0	0	1	4	0	6	3	1	1
15	0	4	0	2	4	2	0	4	4	2	4	5	3	3
16	2	2	9	0	2	4	2	2	2	0	2	10	3	3
17	8	8	8	10	6	2	0	6	4	2	2	1	5	5
18	3	2	1	1	2	0	2	2	2	2	0	0	1	1
19	2	0	1	2	5	0	3	0	8	3	2	2	2	2
20	1	2	4	2	4	0	0	2	2	0	6	0	2	2
21	3	1	5	2	1	2	2	0	2	0	2	2	2	2
22	0	1	2	5	3	2	1	0	0	1	1	0	1	1
23	0	0	1	3	0	0	2	0	4	0	2	2	1	1
24	3	2	3	2	3	2	4	3	4	1	1	4	3	3
25	2	4	1	0	2	2	1	2	2	2	1	1	2	2
26	1	2	0	2	2	1	2	0	2	0	5	0	2	2
27	0	2	3	7	4	3	0	2	0	1	3	3	2	2
28	0	3	0	4	0	0	1	2	0	4	0	1	1	1
29	0	4	0	2	0	0	2	2	0	4	0	2	1	1
30	2	2	2	8	8	1	2	2	2	****	-	-	3	3
MEAN	1	2	2	3	2	2	1	2	2	1	2	2	1.9	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12002 CITY HALL 444 WINDSOR AVE WINDSOR													MONTH - OCT 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1														
2														
3														
4														
5						****	1	4	0	2	3	0	*****	
6	0	3	2	0	2	0	2	0	0	5	0	0	1	
7	0	2	2	0	0	0	2	0	2	0	0	0	1	
8	2	3	0	0	0	3	0	0	0	0	0	3	1	
9	0	3	1	0	0	1	0	1	0	3	3	0	1	
10	2	2	2	0	4	2	0	0	4	2	0	2	2	
11	2	2	0	0	3	2	2	0	0	0	2	3	1	
12	0	3	2	3	2	2	0	3	0	2	0	3	2	
13	2	0	1	3	0	****	1	0	3	0	0	3	1	
14	3	0	8	16	6	5	2	2	2	3	0	0	4	
15	5	2	2	4	3	6	0	0	3	0	2	2	2	
16	2	0	0	0	3	0	0	0	2	0	0	3	1	
17	0	0	3	5	4	0	0	0	2	0	5	2	2	
18	3	0	5	5	9	0	4	2	3	5	0	7	4	
19	2	3	2	3	3	0	5	3	4	0	5	5	3	
20	9	3	5	2	3	5	2	0	0	5	2	3	3	
21	5	9	3	9	7	3	0	0	0	0	3	0	3	
22	2	7	4	0	3	4	0	3	2	2	0	3	3	
23	0	2	0	0	4	2	2	0	0	2	0	5	1	
24	0	3	0	3	3	3	0	3	2	3	5	7	3	
25	2	2	2	5	3	3	0	3	2	3	5	7	3	
26	7	5	9	3	3	5	0	****	0	0	5	7	3	
27	22	9	9	2	3	6	6	2	3	5	4	7	5	
28	3	2	0	3	5	7	3	2	3	2	1	3	6	
29	7	3	3	0	5	2	3	5	3	0	0	3	2	
30	2	2	2	0	0	2	4	1	0	2	2	2	2	
31	4	4	2	2	0	4	3	3	0	3	3	3	3	
MEAN	3	3	3	3	3	3	2	1	1	2	2	3	2.4	

PERCENTAGE OF DATA VALID - 84.9

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 14.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - A NO 12002 CITY HALL 444 WINDSOR AVE WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	2.4	4	11
FEB	22	2.1	4	8
MAR	26	1.6	3	6
APR	30	1.7	4	7
MAY	26	1.2	2	7
JUN	30	1.3	2	7
JUL	27	1.5	2	21
AUG	23	1.3	2	7
SEP	30	1.9	5	10
OCT	26	2.4	6	22
NOV	30	2.6	6	18
DEC	30	3.5	7	17
YEAR	329	2.0	7	22

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12002 CITY HALL 444 WINDSOR AVE WINDSOR

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	300	48	2	0	0	0	0	350
FEB	248	25	0	0	0	0	0	273
MAR	293	18	0	0	0	0	0	311
APR	326	32	0	0	0	0	0	358
MAY	304	11	0	0	0	0	0	315
JUN	352	4	0	0	0	0	0	356
JUL	321	6	0	0	1	0	0	328
AUG	271	10	0	0	0	0	0	281
SEP	327	29	0	0	0	0	0	356
OCT	266	48	0	1	1	0	0	316
NOV	295	57	5	1	0	0	0	358
DEC	240	112	4	1	0	0	0	357
YEAR	3543	400	11	3	2	0	0	3959

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
90.4	0	0.0	0.0	1.3	2.0	4.1	5.4	7.2	8.5	22	2.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COHS/1000 FT						
STATION - SW NO 12010							MONTH - JAN 77						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	3	3	2	1	3	0	0	4	2	3	4	
2	2	6	1	1	2	4	2	5	2	3	3	4	
3	4	2	4	3	1	4	2	4	2	4	7	3	
4	1	5	2	2	5	2	***		-	-		-	*****
5							- DATA UNAVAILABLE -						
6							- DATA UNAVAILABLE -						
7							- DATA UNAVAILABLE -						
8							- DATA UNAVAILABLE -						
9							- DATA UNAVAILABLE -						
10							- DATA UNAVAILABLE -						
11							- DATA UNAVAILABLE -						
12							- DATA UNAVAILABLE -						
13							- DATA UNAVAILABLE -						
14							- DATA UNAVAILABLE -						
15							- DATA UNAVAILABLE -						
16							- DATA UNAVAILABLE -						
17							- DATA UNAVAILABLE -						
18							- DATA UNAVAILABLE -						
19							- DATA UNAVAILABLE -						
20							- DATA UNAVAILABLE -						
21							- DATA UNAVAILABLE -						
22							- DATA UNAVAILABLE -						
23							- DATA UNAVAILABLE -						
24							- DATA UNAVAILABLE -						
25							- DATA UNAVAILABLE -						
26							- DATA UNAVAILABLE -						
27							- DATA UNAVAILABLE -						
28							- DATA UNAVAILABLE -						
29							- DATA UNAVAILABLE -						
30							- DATA UNAVAILABLE -						
31							- DATA UNAVAILABLE -						
MEAN	3	4	3	2	2	3	1	3	3	3	4	4	2.9

PERCENTAGE OF DATA VALID - 11.3 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 88.4

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH													
POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES										UNITS - 0.1 COHS/1000 FT			
STATION - SW NO 12010										MONTH - FEB 77			
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8	-	-	-	-	-	-	-	-	2	6	12	4	*****
9	3	5	1	4	7	3	3	6	7	3	9	7	5
10	8	3	7	10	3	8	4	2	3	5	6	4	5
11	2	7	3	3	3	2	4	4	3	5	2	2	3
12	2	3	9	6	5	4	3	3	2	5	2	0	4
13	2	1	2	0	2	2	1	0	0	0	2	2	1
14	0	2	1	2	3	1	3	2	2	2	0	2	2
15	0	1	0	0	2	1	2	1	2	2	2	3	1
16	2	4	4	5	5	0	2	3	1	2	2	1	3
17	2	2	2	0	1	6	2	3	7	2	3	9	3
18	0	3	0	2	0	4	0	2	0	0	2	2	1
19	0	2	1	1	2	0	2	1	3	2	0	0	1
20	0	0	2	****	****	****	****	****	****	****	****	****	*****
21													
22													
23													
24													
25													
26													
27													
28	****	****	****	****	****	0	4	2	0	7	0	3	*****
MEAN	2	3	3	3	3	3	3	2	2	3	3	3	2.7
PERCENTAGE OF DATA VALID - 43.5 PERCENTAGE OF DATA INVALID - 61.3 PERCENTAGE OF DATA UNAVAILABLE - 4.8													

PERCENTAGE OF DATA VALID - 43.5 PERCENTAGE OF DATA INVALID - 61.3 PERCENTAGE OF DATA UNAVAILABLE - 4.8

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12010 TECUMSEH SEWAGE STN MANNING RD WINDSOR													MONTH - MAR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	3	3	2	1	0	1	0	3	0	3	2	
2	2	0	5	3	7	7	2	2	0	2	4	3	3	
3	3	0	3	0	7	3	***	4	5	0	3	1	3	
4	3	2	3	3	2	7	0	0	2	3	0	0	2	
5	0	2	0	0	2	0	2	4	0	0	2	3	1	
6	2	0	2	0	2	0	1	7	3	3	2	2	2	
7	2	0	0	0	2	0	3	2	0	2	0	4	1	
8	2	2	2	2	0	3	3	2	3	3	0	0	2	
9	3	2	2	***	-	-	-	-	-	-	-	-	2	
10	-	-	-	-	-	***	1	2	4	2	2	1	*****	
11	2	3	4	2	6	6	2	5	3	7	5	3	4	
12	6	2	3	2	3	3	0	2	2	1	2	2	2	
13	2	1	2	3	0	1	0	2	4	2	4	2	2	
14	2	2	2	3	5	3	7	3	3	2	3	2	3	
15	5	4	0	3	0	2	6	6	5	0	2	3	3	
16	2	0	2	1	2	2	2	2	2	2	0	2	2	
17	3	0	3	***	***	1	0	0	1	2	0	1	1	
18	2	2	2	0	0	2	0	2	3	2	0	4	2	
19	1	6	4	6	5	7	5	4	0	2	2	0	4	
20	0	3	3	2	3	0	3	0	2	3	2	2	2	
21	3	0	4	3	4	2	3	2	0	2	1	1	2	
22	0	2	1	2	0	2	0	0	2	0	5	2	1	
23	2	2	5	3	***	***	***	0	0	2	0	3	2	
24	2	0	3	1	0	4	2	2	0	2	0	0	2	
25	0	0	2	2	0	2	2	0	2	3	2	0	1	
26	2	2	0	5	1	2	2	0	3	2	0	0	3	
27	3	0	4	6	2	4	2	2	3	3	6	0	3	
28	3	5	2	4	0	0	0	3	2	2	0	0	2	
29	1	5	0	2	0	3	3	1	2	2	4	3	2	
30	1	4	0	5	0	3	0	2	2	3	1	2	2	
31	3	2	2	2	0	0	0	2	1	2	3	2	2	
MEAN	2	2	2	2	2	3	2	2	2	2	2	2	2.1	

PERCENTAGE OF DATA VALID - 94.4

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 3.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12010 TECUMSEH SEWAGE STN MANNING RD WINDSOR													MONTH - APR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	2	0	2	2	2	0	2	0	3	0	1	
2	3	1	3	4	2	2	2	2	0	2	5	2	2	
3	2	0	0	0	0	2	2	0	1	0	2	0	1	
4	2	2	0	2	2	2	1	3	0	2	0	0	1	
5	3	0	2	0	2	2	2	0	***	2	0	0	1	
6	1	0	2	2	2	2	2	0	2	0	1	0	1	
7	5	1	0	1	3	0	2	1	0	3	0	0	1	
8	3	0	2	0	3	2	3	2	0	0	0	3	2	
9	2	3	6	6	1	0	1	2	4	0	2	2	3	
10	3	1	6	2	2	2	4	6	0	1	3	2	3	
11	3	0	2	5	2	0	2	2	2	2	0	3	2	
12	2	0	3	2	2	3	4	0	2	5	1	2	2	
13	5	3	2	1	2	3	0	1	0	3	0	0	2	
14	2	1	0	3	1	2	2	3	1	0	0	0	2	
15	0	1	3	1	1	0	3	***	***	1	3	1	2	
16	2	1	0	3	1	3	2	2	1	3	2	2	2	
17	3	5	0	0	2	3	0	0	3	2	0	2	2	
18	1	0	3	3	3	3	7	0	0	0	7	2	3	
19	3	5	3	3	1	0	3	3	7	1	5	3	3	
20	5	0	3	5	5	0	1	5	3	1	1	0	2	
21	5	1	0	1	***	0	3	0	3	3	3	0	2	
22	1	0	3	2	3	2	0	0	2	0	1	0	1	
23	0	0	3	1	0	0	2	0	0	2	1	0	1	
24	1	0	1	0	3	0	3	0	0	0	0	0	1	
25	0	2	0	1	0	2	0	3	2	0	1	2	1	
26	0	0	2	5	3	0	2	2	0	3	2	2	2	
27	3	5	7	5	3	0	2	2	0	3	2	2	2	
28	2	2	2	8	2	1	0	1	2	3	5	2	3	
29	0	2	5	7	0	3	0	2	3	2	0	0	2	
30	3	3	3	3	9	3	2	0	0	3	3	1	3	
MEAN	2	1	2	3	2	2	2	2	1	2	2	1	1.8	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12010 TECUMSEH SEWAGE STN MANNING RD WINDSOR													MONTH - JUL 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	0	1	0	0	0	0	5	0	0	0	1	
2	2	0	5	0	2	2	0	2	0	2	2	2	2	
3	3	5	0	0	3	2	0	3	2	2	2	0	2	
4	6	3	5	2	0	2	5	2	0	5	0	0	3	
5	1	0	7	2	2	2	2	3	0	2	2	11	3	
6	7	7	2	5	2	9	2	3	2	2	4	0	4	
7	0	3	2	4	5	2	0	0	0	0	7	0	2	
8	0	3	0	3	0	3	3	0	2	0	2	0	1	
9	0	3	2	4	0	2	0	0	0	0	0	1	1	
10	2	2	2	2	2	0	0	2	0	3	2	2	2	
11	1	0	2	2	1	2	-	-	2	0	2	2	1	
12	2	1	2	0	0	2	3	2	3	2	2	2	2	
13	2	0	3	5	4	4	2	3	4	0	3	3	3	
14	0	0	2	4	2	0	1	4	0	0	0	0	1	
15	2	2	2	3	5	6	0	2	2	0	0	0	2	
16	7	2	3	0	3	2	5	3	2	0	0	0	2	
17	2	2	0	5	0	5	0	2	0	3	4	0	2	
18	0	4	2	2	2	0	2	3	0	3	2	4	2	
19	3	5	3	2	7	0	2	2	3	2	0	4	3	
20	2	4	5	3	7	2	2	4	0	2	3	5	3	
21	5	5	2	2	4	2	0	0	0	0	0	0	2	
22	0	0	0	3	2	0	0	2	0	1	1	3	1	
23	0	0	7	1	0	1	0	0	4	0	0	2	1	
24	0	3	2	0	7	0	3	4	2	1	2	11	3	
25	3	3	0	2	2	3	2	0	2	3	0	1	2	
26	0	0	2	2	0	2	2	1	1	2	2	3	1	
27	0	0	2	4	0	0	0	0	0	8	1	2	1	
28	0	0	1	5	6	0	0	0	2	3	4	****	2	
29														
30														
31														
MEAN	2	2	2	2	2	2	1	2	1	2	2	2	1.9	

PERCENTAGE OF DATA VALID - 89.8

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 9.9

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12010 TECUMSEH SEWAGE STN MANNING RD WINDSOR													MONTH - AUG 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1														
2														
3														
4														
5														
6														
7														
8														
9														
10	-	-	-	-	-	-	0	0	2	0	0	2	*****	
11	5	1	4	0	3	0	0	2	2	4	2	0	2	
12	0	3	2	0	2	4	3	0	2	1	2	0	2	
13	1	2	2	0	4	2	0	2	0	1	3	2	2	
14	2	0	3	2	1	0	0	0	2	1	0	0	1	
15	2	2	0	2	0	2	2	4	0	0	2	1	1	
16	2	1	2	2	2	2	3	2	2	0	0	1	2	
17	2	0	4	2	0	2	0	0	2	0	2	0	1	
18	0	3	0	0	0	0	2	0	2	0	2	0	1	
19	2	0	6	1	0	0	2	2	2	2	3	2	1	
20	2	0	0	0	0	0	0	2	0	0	0	0	1	
21	3	2	0	6	0	2	0	1	3	0	1	0	2	
22	1	2	2	2	0	1	0	0	2	1	1	2	1	
23	2	2	3	2	0	0	1	0	0	2	0	0	1	
24	0	0	1	0	0	2	4	0	0	2	0	1	2	
25	0	2	0	4	3	3	3	0	3	0	0	0	2	
26	2	2	2	0	3	3	3	2	0	3	5	2	2	
27	5	4	0	0	0	2	3	0	0	5	1	2	2	
28	0	0	4	0	2	1	0	0	2	0	2	1	1	
29	0	4	1	0	2	2	2	4	0	1	1	3	2	
30	1	0	0	2	2	0	2	0	2	0	3	0	1	
31	2	2	0	0	2	0	5	1	0	2	4	2	2	
MEAN	2	2	2	1	1	1	2	1	1	1	2	1	1.3	

PERCENTAGE OF DATA VALID - 69.4

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 30.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - SW NO 12010 TECUMSEH SEWAGE STN MANNING RD WINDSOR MONTH - NOV 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	3	2	5	2	1	0	0	3	0	3	2
2	6	2	2	0	2	3	3	2	0	5	9	5	3
3	8	3	2	0	2	11	0	5	2	2	0	5	3
4	7	2	7	0	0	0	2	2	0	0	0	0	2
5	2	3	0	0	4	0	5	0	2	5	3	0	2
6	3	0	3	0	3	0	0	1	3	0	5	3	2
7	0	1	0	2	0	0	2	2	8	0	0	0	1
8	1	2	0	0	0	2	5	5	5	1	0	2	2
9	5	0	3	2	8	9	4	4	7	2	0	2	4
10	0	3	2	3	5	2	3	3	4	3	0	3	3
11	0	0	1	6	0	0	2	1	3	3	0	0	1
12	0	0	3	0	2	2	0	1	0	2	0	2	1
13	5	2	5	3	2	0	4	0	7	5	5	3	3
14	9	7	7	4	2	0	3	0	7	3	7	3	4
15	4	3	3	2	3	7	6	3	2	3	0	2	3
16	0	4	0	5	0	1	3	0	3	5	0	2	2
17	0	0	7	0	4	0	5	0	6	0	3	2	2
18	0	2	0	6	3	3	0	2	2	5	0	4	2
19	0	2	3	3	1	***	5	4	0	3	5	0	2
20	3	7	0	9	1	10	3	6	0	2	2	7	4
21	2	2	0	0	2	3	2	0	1	0	5	0	1
22	1	0	2	3	1	4	3	3	3	0	7	2	2
23	0	2	2	0	2	8	3	3	7	3	2	0	3
24	5	3	0	0	3	0	4	0	2	2	3	0	2
25	0	0	0	0	1	6	0	0	4	1	0	5	1
26	1	3	3	0	2	0	2	0	0	0	0	1	1
27	0	2	6	3	0	0	0	0	0	3	2	7	2
28	2	2	7	2	7	2	3	0	2	0	3	5	3
29	6	2	7	9	6	6	2	2	11	2	8	0	5
30	2	0	3	0	4	3	2	0	0	3	3	3	2
MEAN	2	2	3	2	3	3	3	2	3	2	2	2	2.4

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - SW NO 12010 TECUMSEH SEWAGE STN MANNING RD WINDSOR MONTH - DEC 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	7	0	0	0	5	0	***	2	9	3	3
2	2	4	2	3	3	0	0	2	0	0	11	3	3
3	1	0	2	2	0	0	0	0	5	7	1	9	2
4	3	1	0	0	0	5	2	2	***	0	3	0	1
5	0	0	0	3	0	2	0	0	0	0	2	0	1
6	0	3	2	0	3	0	2	0	2	0	2	0	1
7	0	5	0	7	4	2	0	0	0	7	5	4	3
8	3	3	5	2	2	5	1	1	0	5	6	2	3
9	0	1	2	2	2	0	3	3	1	3	5	5	2
10	7	0	3	5	2	8	3	2	3	4	6	6	4
11	0	5	5	5	11	12	9	7	3	7	3	2	6
12	0	7	4	3	4	3	2	4	0	2	4	4	3
13	4	5	5	1	2	0	3	0	4	7	4	2	3
14	5	3	4	0	4	5	3	4	6	2	2	9	4
15	6	3	2	5	3	2	2	5	7	3	0	0	3
16	8	6	2	0	7	2	0	9	3	9	7	0	4
17	7	0	3	5	***	0	2	6	0	0	2	2	2
18	2	3	2	1	2	5	0	4	2	4	4	4	3
19	1	2	3	4	5	3	2	0	2	0	2	2	2
20	0	4	2	2	0	3	2	0	3	2	0	2	2
21	2	4	0	0	0	1	2	0	4	1	0	2	1
22	4	2	1	0	4	3	0	0	0	3	0	0	2
23	1	2	2	0	2	0	0	2	0	8	4	7	2
24	5	6	0	5	5	4	6	4	3	4	2	2	4
25	0	0	2	0	2	0	2	0	2	2	0	2	1
26	0	3	2	1	5	2	0	6	0	0	0	0	2
27	1	2	2	2	4	2	0	0	2	0	4	1	2
28	0	0	2	4	2	0	2	2	0	0	4	0	1
29	0	2	0	0	0	0	3	2	2	6	2	2	2
30	0	6	6	1	0	1	0	2	1	2	3	3	2
31	0	0	2	0	2	3	1	0	7	3	4	0	2
MEAN	2	3	2	2	3	2	2	2	2	3	3	3	2.4

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12010 TECUMSEH SEWAGE STN MANNING RD WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	3	2.9	3	7
FEB	11	2.7	5	12
MAR	29	2.1	4	7
APR	30	1.8	3	9
MAY	31	2.1	4	11
JUN	30	1.8	3	9
JUL	28	1.9	4	11
AUG	21	1.3	2	6
SEP	30	1.9	7	36
OCT	24	2.4	7	19
NOV	30	2.4	5	11
DEC	31	2.4	6	12
YEAR	298	2.1	7	36

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12010 TECUMSEH SEWAGE STN MANNING RD WINDSOR

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	37	5	0	0	0	0	0	42
FEB	120	25	1	0	0	0	0	146
MAR	319	32	0	0	0	0	0	351
APR	325	31	0	0	0	0	0	356
MAY	308	57	2	0	0	0	0	367
JUN	312	45	0	0	0	0	0	357
JUL	299	33	2	0	0	0	0	334
AUG	251	7	0	0	0	0	0	258
SEP	325	20	2	1	2	1	0	351
OCT	258	43	4	1	0	0	0	306
NOV	291	66	2	0	0	0	0	359
DEC	302	64	3	0	0	0	0	369
YEAR	3147	426	16	2	2	1	0	3596

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
B2.1	0	0.0	0.0	1.3	2.1	4.4	5.9	7.1	8.6	36	2.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR													MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	0	3	0	0	0	2	3	1	2	3	1	
2	2	2	4	3	3	3	3	2	2	3	1	3	3	
3	0	2	2	2	2	5	3	2	2	5	1	4	3	
4	3	7	2	3	1	2	1	5	5	2	5	2	3	
5	5	3	6	4	7	6	6	0	0	2	3	4	4	
6	8	7	6	4	7	5	6	5	4	3	6	6	6	
7	3	5	3	0	2	5	0	3	4	0	5	4	3	
8	3	6	1	4	2	3	6	4	5	4	2	0	3	
9	1	2	2	3	0	4	4	0	0	2	0	0	2	
10	4	1	4	7	3	2	3	0	2	3	3	2	3	
11	1	1	3	3	8	6	9	4	5	9	5	8	5	
12	7	3	7	12	8	7	2	2	6	4	4	9	6	
13	4	9	4	7	6	6	3	4	2	2	6	2	5	
14	7	4	4	6	7	6	5	4	2	0	2	0	4	
15	2	4	3	4	2	2	2	0	2	1	1	3	2	
16	1	2	0	4	0	2	2	0	2	4	6	0	2	
17	8	4	3	11	13	12	8	4	8	2	2	4	7	
18	5	4	5	4	9	10	4	0	2	2	1	3	4	
19	2	2	2	3	2	2	0	2	2	3	1	2	4	
20	8	9	6	8	7	***	10	3	6	9	8	9	2	
21	9	3	6	6	15	4	2	1	0	4	1	2	4	
22	0	4	2	0	2	3	0	2	2	3	0	4	2	
23	6	1	6	2	8	3	4	2	2	2	5	0	3	
24	5	2	4	6	3	9	4	6	4	6	9	10	6	
25	7	5	2	4	6	3	2	2	0	2	0	2	3	
26	3	3	1	7	5	4	2	2	2	7	3	4	4	
27	2	3	8	14	14	6	5	4	4	6	9	4	7	
28	1	2	2	11	6	6	4	3	6	2	6	7	5	
29	7	6	4	6	3	2	5	2	1	2	3	3	4	
30	4	6	1	3	3	2	3	1	3	1	3	3	3	
31	6	12	15	12	10	10	8	3	6	6	6	3	8	
MEAN	4	4	4	5	5	5	4	2	3	3	4	4	3.9	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR													MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	4	1	2	3	2	6	3	3	1	1	2	2	
2	1	2	6	4	1	-	***	5	5	2	9	5	4	
3	5	7	7	8	13	3	5	7	2	3	5	5	6	
4	3	3	5	0	3	5	3	3	7	0	3	4	3	
5	0	1	0	0	3	5	2	2	0	0	0	0	1	
6	0	3	0	3	0	2	2	1	0	0	2	0	1	
7	2	2	2	2	2	2	***	9	6	2	5	9	4	
8	5	2	4	7	9	1	7	3	17	7	0	3	5	
9	11	5	7	3	3	9	11	9	7	9	7	5	7	
10	5	5	9	7	9	11	5	8	3	7	5	7	7	
11	5	5	5	5	7	9	2	5	2	2	7	6	5	
12	5	5	7	3	3	7	5	3	5	3	5	1	4	
13	2	0	3	2	5	0	0	2	0	2	0	2	2	
14	2	2	2	2	2	2	3	0	2	0	0	3	2	
15	0	1	0	3	0	5	2	2	0	5	2	0	2	
16	4	0	2	0	***	8	0	0	5	0	2	0	2	
17	0	4	3	7	5	5	7	0	6	5	2	7	5	
18	3	3	3	9	5	5	3	7	3	9	5	11	6	
19	3	4	3	0	4	0	3	3	2	0	3	2	2	
20	0	0	0	2	0	3	0	3	2	3	0	0	1	
21	0	0	2	3	3	0	7	5	2	3	2	0	2	
22	3	2	0	2	***	***	13	13	7	6	6	4	6	
23	3	3	3	3	4	3	4	3	6	4	2	2	3	
24	3	2	2	1	4	2	2	2	3	7	2	5	3	
25	5	1	5	5	3	2	5	2	5	2	2	5	4	
26	2	0	0	2	1	2	1	0	1	2	0	2	1	
27	5	2	2	3	3	3	3	0	2	2	2	3	3	
28	3	5	6	5	2	3	4	3	2	7	7	8	5	
MEAN	3	3	3	3	4	4	4	4	4	3	3	4	3.4	

PERCENTAGE OF DATA VALID - 98.2

PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR MONTH - MAR 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	9	2	6	2	3	2	2	2	2	1	2	2	3
2	3	5	9	5	6	10	11	6	5	3	6	9	7
3	9	2	2	2	4	5	2	5	6	2	1	0	3
4	3	3	2	2	4	4	4	5	7	3	3	2	4
5	3	2	2	3	3	4	0	2	3	1	1	1	2
6	0	3	0	2	2	2	3	2	1	1	1	3	2
7	2	2	2	0	3	2	2	0	***	2	3	7	2
8	6	3	2	2	5	2	2	3	3	2	0	3	3
9	2	1	3	4	8	5	3	2	3	4	5	3	4
10	2	2	4	4	6	12	2	4	2	2	2	3	4
11	4	3	2	5	6	5	3	5	2	7	6	3	4
12	2	5	4	3	0	0	3	2	0	2	2	0	2
13	0	2	1	2	1	2	2	1	3	0	6	5	2
14	3	4	3	3	2	5	2	2	2	1	3	0	3
15	4	4	0	5	3	4	0	2	2	5	6	0	3
16	0	0	2	1	2	2	0	3	1	2	1	3	1
17	0	4	0	3	0	2	2	0	0	2	1	0	1
18	1	2	0	2	0	1	1	2	3	2	1	1	1
19	5	2	4	2	2	4	8	0	1	2	2	0	3
20	0	0	3	0	2	3	2	2	6	2	2	2	2
21	4	3	2	7	6	1	1	3	3	3	0	2	3
22	1	2	1	1	***	0	1	2	2	3	1	1	1
23	0	4	3	4	5	5	4	4	2	2	0	2	3
24	2	0	1	4	1	3	0	3	0	0	1	0	1
25	4	2	1	3	0	0	5	0	1	2	1	3	2
26	1	3	2	3	1	2	1	3	0	2	2	1	2
27	2	3	1	2	3	4	3	2	3	1	1	4	2
28	2	3	2	2	2	3	2	0	3	0	2	4	2
29	2	4	0	3	3	1	7	6	7	5	2	5	4
30	1	3	2	1	0	7	5	9	6	1	5	4	4
31	2	1	1	2	1	2	2	2	0	3	2	0	2
MEAN	3	3	2	3	3	3	3	3	3	2	2	2	2.6

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR MONTH - APR 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	0	5	0	4	1	0	2	1	2	0	2
2	2	1	4	0	3	0	4	1	2	1	3	2	2
3	0	0	0	1	2	0	2	0	0	0	0	3	1
4	2	1	1	2	0	5	0	3	2	4	0	4	2
5	4	7	6	6	4	6	6	2	2	2	1	0	4
6	0	0	2	***	0	5	3	1	3	3	1	1	2
7	3	3	0	1	7	5	7	7	7	2	1	3	4
8	3	3	0	1	3	0	0	1	0	5	1	1	2
9	5	5	5	7	0	3	0	1	1	1	0	3	3
10	1	0	5	2	2	1	3	3	3	3	9	9	3
11	7	3	1	3	19	23	17	19	19	21	9	21	14
12	15	21	15	14	13	19	5	19	9	9	7	3	12
13	10	13	13	9	13	9	9	5	3	1	1	0	7
14	1	0	3	0	5	0	1	0	3	1	1	0	1
15	5	0	3	1	19	3	1	1	1	3	3	12	4
16	3	1	5	3	1	1	1	5	3	3	5	3	3
17	3	3	3	1	3	1	5	1	1	3	3	0	2
18	1	1	3	3	5	3	3	2	7	11	7	7	4
19	5	3	7	7	11	13	15	7	9	13	9	7	9
20	1	3	1	15	3	5	7	1	***	3	1	3	4
21	3	3	3	3	3	9	5	10	5	7	9	11	6
22	11	7	3	7	7	9	5	0	9	1	3	0	5
23	1	0	0	0	1	0	1	3	1	1	0	3	1
24	2	0	1	2	0	15	0	0	0	0	3	3	2
25	2	0	0	3	1	2	2	1	3	3	0	3	2
26	1	2	2	10	7	3	2	3	1	5	2	7	4
27	11	18	7	9	5	5	13	9	11	7	8	14	10
28	0	0	1	0	3	0	5	0	3	0	1	1	1
29	0	3	7	11	17	7	7	5	5	3	3	5	6
30	9	11	9	13	17	5	1	1	1	1	2	5	6
MEAN	4	4	4	5	6	5	4	4	4	4	3	4	4.2

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR													MONTH - MAY 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	1	3	5	3	1	1	1	3	3	11	13	4	
2	19	5	0	0	3	5	4	3	0	2	4	3	4	
3	2	0	1	3	0	***	7	1	0	0	1	1	1	
4	0	0	1	0	0	0	7	1	0	0	0	0	1	
5	3	1	1	0	1	1	0	0	0	0	0	0	1	
6	0	0	0	0	0	0	0	0	0	0	0	0	1	
7	0	0	0	3	3	0	0	0	0	0	0	1	0	
8	0	0	0	0	0	0	0	0	0	0	3	0	1	
9	0	0	0	0	0	0	1	0	0	0	1	0	0	
10	0	0	0	1	0	0	0	0	1	0	0	1	0	
11	0	0	0	0	0	0	0	0	0	0	1	0	0	
12	0	1	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	1	0	0	1	0	1	0	1	1	0	
14	1	3	5	0	1	1	0	1	0	0	1	0	1	
15	1	0	0	0	0	1	0	0	0	0	1	0	1	
16	0	0	0	0	***	1	0	0	0	1	0	1	0	
17	7	6	17	11	20	19	15	9	3	3	0	3	3	
18	2	3	5	9	2	5	9	5	1	3	4	6	9	
19	0	2	0	5	3	0	2	3	2	0	2	5	3	
20	8	5	6	5	3	5	3	0	3	2	2	2	3	
21	3	2	6	4	2	4	2	0	2	3	2	0	3	
22	0	3	2	2	2	3	2	0	2	2	2	3	2	
23	2	2	2	3	4	7	5	2	0	0	5	4	3	
24	5	0	2	3	7	3	8	2	3	0	7	2	4	
25	5	5	6	4	7	2	2	0	0	0	3	0	4	
26	1	2	2	0	0	5	1	0	0	2	4	0	1	
27	0	5	6	5	2	2	2	0	3	0	3	3	3	
28	6	17	17	13	9	2	4	0	3	2	7	3	7	
29	0	0	2	0	0	0	0	2	2	3	0	5	1	
30	0	2	2	2	3	2	2	3	2	2	0	0	2	
31	3	2	3	2	5	1	2	0	2	0	8	5	3	
MEAN	2	2	3	3	3	2	3	1	1	1	2	2	2.1	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR													MONTH - JUN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	7	7	15	10	***	2	3	5	5	6	0	6	
2	0	3	1	2	2	3	4	2	0	2	0	0	2	
3	3	1	0	0	0	0	1	3	2	2	0	5	2	
4	4	3	4	3	7	3	3	3	2	1	1	5	2	
5	3	5	2	2	3	0	5	3	1	6	2	7	4	
6	2	0	0	2	2	2	0	2	2	2	3	0	2	
7	0	2	2	3	2	0	2	3	0	2	2	1	1	
8	0	2	4	6	2	2	4	3	2	0	3	0	2	
9	2	1	2	2	2	0	0	2	1	0	0	2	1	
10	0	5	2	3	2	1	1	0	3	2	5	2	2	
11	5	3	1	4	2	0	6	0	2	3	1	0	2	
12	3	1	2	2	3	2	2	3	2	2	2	0	2	
13	0	0	2	3	3	2	2	2	2	3	0	2	2	
14	0	0	0	6	0	2	2	2	0	3	2	2	2	
15	2	3	***	3	3	0	2	2	0	3	2	2	2	
16	6	3	2	3	3	2	2	3	0	2	3	3	2	
17	3	7	15	23	9	***	10	5	0	2	3	0	3	
18	6	2	0	5	3	2	3	3	6	3	11	9	8	
19	1	2	5	2	0	2	3	2	2	2	0	3	3	
20	21	17	9	12	3	2	2	0	3	1	3	3	2	
21	3	0	0	3	2	0	3	2	2	0	2	5	2	
22	11	2	3	5	3	0	0	2	0	3	2	0	3	
23	3	3	2	0	1	0	1	1	3	5	0	3	2	
24	0	2	13	19	17	14	9	8	3	0	4	8	2	
25	11	7	3	7	2	1	0	1	0	3	2	2	3	
26	3	3	3	2	1	2	2	0	6	2	0	2	2	
27	1	8	3	3	3	0	***	***	2	5	2	9	4	
28	1	2	7	13	19	11	17	11	4	4	17	9	10	
29	3	6	0	4	13	2	7	10	3	0	4	11	5	
30	9	6	6	9	8	6	8	4	0	8	4	5	6	
MEAN	4	4	3	6	4	2	4	3	2	3	3	3	3.3	

PERCENTAGE OF DATA VALID - 98.6

PERCENTAGE OF DATA INVALID - 1.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR													MONTH - JUL 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	3	3	2	0	3	1	6	2	2	1	0	2	
2	0	3	0	9	3	2	2	3	3	2	3	7	3	
3	8	7	11	4	2	2	5	9	2	2	2	5	5	
4	2	8	21	17	2	2	7	5	2	0	2	5	5	
5	5	8	3	13	2	0	2	5	12	3	7	13	6	
6	13	9	19	17	6	19	3	7	0	4	2	16	9	
7	3	2	7	11	6	5	11	7	0	5	3	2	3	
8	6	0	2	9	4	5	5	0	3	2	2	3	2	
9	7	5	0	0	0	0	0	4	0	2	3	0	2	
10	3	0	0	0	2	1	0	0	2	0	4	2	1	
11	0	3	3	3	1	7	2	0	3	3	3	10	3	
12	7	6	13	19	13	11	9	0	11	13	15	3	10	
13	4	4	0	6	3	0	4	3	5	4	5	3	3	
14	6	8	5	2	7	9	5	7	4	3	2	0	5	
15	8	8	8	14	6	3	5	2	5	3	5	0	6	
16	1	8	9	0	0	5	2	3	0	1	3	2	3	
17	4	3	8	2	2	3	2	1	6	1	4	3	3	
18	2	6	3	10	9	3	8	2	7	0	3	5	5	
19	5	11	5	22	8	13	3	4	3	1	11	10	8	
20	5	2	6	5	4	5	5	3	11	7	18	7	7	
21	4	3	1	3	6	2	2	2	2	2	1	2	3	
22	0	2	2	2	2	2	0	0	0	0	3	3	1	
23	0	6	2	0	1	4	1	1	1	2	3	0	2	
24	3	3	10	5	6	7	8	2	2	9	0	4	5	
25	11	9	5	0	3	0	3	3	0	7	2	3	4	
26	4	2	4	3	2	0	7	0	4	0	2	0	3	
27	4	0	2	4	0	2	2	***	-	0	2	4	3	
28														
29														
30														
31														
MEAN	4	5	6	7	4	4	4	3	3	3	4	4	4.3	

PERCENTAGE OF DATA VALID - 85.8 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 14.0

- NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR													MONTH - AUG 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1														
2														
3														
4														
5														
6														
7														
8														
9	2	0	2	2	0	3	0	0	0	7	3	6	*****	
10	0	3	7	4	4	5	2	3	4	2	2	5	3	
11	2	5	3	9	9	7	7	5	0	5	2	2	5	
12	2	4	1	12	5	7	5	2	5	1	3	2	4	
13	2	3	7	7	7	2	3	0	5	2	0	5	4	
14	2	5	2	2	0	3	0	0	4	0	1	0	2	
15	3	0	2	5	7	0	3	0	2	0	2	0	2	
16	3	0	2	5	7	0	3	0	2	0	2	0	2	
17	2	0	0	2	2	5	5	2	0	3	3	0	3	
18	2	2	4	5	0	0	3	2	1	0	0	2	1	
19	7	0	5	8	0	3	0	0	2	1	2	2	2	
20	2	0	2	3	2	0	2	0	2	0	0	2	3	
21	0	0	0	5	2	5	2	2	2	3	0	2	2	
22	2	0	5	2	2	3	2	2	5	0	5	3	4	
23	9	9	12	7	7	0	***	0	3	0	2	3	3	
24	0	0	2	0	0	5	1	0	3	2	0	2	4	
25	1	3	2	2	2	3	0	2	2	2	0	2	1	
26	0	0	3	7	5	0	2	3	4	2	3	3	2	
27	3	3	3	5	0	7	5	3	2	1	0	2	3	
28	0	0	2	1	2	5	3	3	3	0	3	0	2	
29	0	9	2	7	13	5	2	5	3	0	2	6	5	
30	0	0	0	2	1	2	2	2	2	0	2	5	2	
31	2	3	2	2	2	3	7	2	2	2	2	4	3	
MEAN	2	2	3	5	4	3	3	2	2	2	2	2	2.5	

PERCENTAGE OF DATA VALID - 75.3 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 24.2

- NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR													MONTH - SEP 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	4	4	4	5	10	14	4	5	5	3	2	2	5	
2	2	4	0	7	13	11	11	5	3	2	3	3	6	
3	5	2	0	0	1	2	0	0	3	2	2	0	1	
4	2	2	0	2	0	2	2	0	2	2	2	0	2	
5	0	5	3	4	0	2	0	0	2	3	1	2	2	
6	1	0	1	1	1	2	0	2	0	0	0	0	2	
7	4	3	0	5	0	2	2	0	3	2	2	0	1	
8	0	2	0	2	5	3	2	3	1	2	2	2	2	
9	2	3	6	9	8	9	7	5	1	3	0	3	2	
10	6	2	6	3	3	1	0	2	2	6	2	0	5	
11	2	2	2	2	2	3	0	0	1	2	3	2	3	
12	2	0	5	11	13	7	8	5	0	1	6	2	2	
13	3	0	6	9	12	7	9	5	4	5	0	2	2	
14	5	0	0	6	2	3	6	1	0	4	0	2	5	
15	3	3	3	3	0	4	0	2	5	2	0	3	2	
16	2	4	0	2	2	4	2	3	3	3	2	5	3	
17	8	5	5	7	6	7	9	4	1	7	3	2	5	
18	5	1	1	3	0	2	0	5	0	2	0	3	2	
19	0	2	2	4	2	3	0	2	2	3	0	3	2	
20	0	2	7	19	3	0	1	3	1	2	0	2	3	
21	2	0	0	4	0	2	2	2	2	2	2	0	2	
22	2	3	3	0	3	0	3	0	0	3	2	0	2	
23	2	0	4	0	3	1	0	0	3	0	2	2	1	
24	0	0	2	2	0	5	3	2	2	0	2	3	2	
25	4	3	2	2	5	0	1	3	0	3	0	3	2	
26	2	3	2	5	5	3	4	***	0	3	0	5	2	
27	2	5	0	5	11	2	6	0	0	0	2	3	3	
28	0	0	3	0	11	0	3	0	2	0	2	0	3	
29	0	2	2	2	2	0	2	2	0	5	0	2	2	
30	3	3	3	7	3	2	5	7	5	0	0	2	3	
MEAN	2	2	3	4	4	3	3	2	2	3	1	2	2.7	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEJS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR													MONTH - OCT 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	5	0	2	0	2	2	1	1	3	2	2	2	
2	1	3	2	2	0	2	2	2	0	4	2	2	2	
3	2	0	2	3	0	2	0	3	0	2	0	0	1	
4	0	0	3	4	0	2	3	0	3	2	9	2	2	
5	3	3	5	5	3	7	3	3	3	3	0	0	3	
6	1	3	0	5	2	0	0	0	2	0	2	0	1	
7	0	2	3	0	0	0	2	2	2	2	0	5	2	
8	0	2	2	0	0	4	2	2	3	2	0	0	1	
9	3	1	0	3	0	2	0	2	0	2	0	2	1	
10	0	6	3	0	5	2	2	0	2	1	1	2	2	
11	0	2	0	0	2	2	0	3	3	2	3	1	2	
12	2	1	2	2	4	0	0	0	2	2	0	0	2	
13	3	0	6	2	3	4	2	0	2	2	3	3	2	
14	3	7	***	***	13	5	4	3	0	4	2	2	4	
15	2	5	7	11	3	2	5	0	0	0	0	2	3	
16	0	2	0	2	0	0	2	0	3	0	0	2	4	
17	0	1	3	0	3	5	1	0	0	3	0	0	1	
18	0	3	2	5	2	5	2	7	3	3	0	2	2	
19	0	1	2	2	4	0	3	2	0	6	3	2	3	
20	3	2	3	6	7	1	4	***	9	0	4	5	2	
21	3	3	3	5	4	4	5	3	2	4	8	5	4	
22	4	5	0	1	5	2	4	0	2	0	1	2	2	
23	0	2	0	1	0	3	2	0	0	1	5	0	1	
24	2	2	8	2	4	0	3	2	5	7	8	2	4	
25	0	4	2	6	7	2	4	0	1	3	1	3	3	
26	2	2	0	3	1	4	4	2	6	2	2	4	3	
27	4	6	7	7	5	7	3	6	0	5	2	0	4	
28	8	4	3	0	1	4	0	0	3	5	4	0	3	
29	2	2	3	1	2	1	3	5	0	0	4	0	2	
30	0	1	2	3	0	0	1	0	3	3	1	1	1	
31	5	3	2	5	0	2	4	6	3	1	4	1	3	
MEAN	2	3	3	3	3	2	2	2	2	2	3	2	2.3	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEJS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.9	8	15
FEB	28	3.4	7	17
MAR	31	2.6	7	12
APR	30	4.2	14	23
MAY	31	2.1	9	20
JUN	30	3.3	10	23
JUL	26	4.3	10	22
AUG	23	2.5	5	13
SEP	30	2.7	6	19
OCT	31	2.3	4	13
NOV	30	2.3	6	13
DEC	31	3.2	5	11
YEAR	352	3.1	14	23

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12013 FILTRAT PLT 3665 WYANDOTTE ST E WINDSOR

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	249	111	11	0	0	0	0	371
FEB	222	100	7	1	0	0	0	330
MAR	312	56	2	0	0	0	0	370
APR	235	85	24	10	4	0	0	358
MAY	313	45	5	6	0	0	0	369
JUN	278	56	13	6	2	0	0	355
JUL	205	87	19	6	2	0	0	319
AUG	222	55	3	0	0	0	0	280
SEP	289	60	9	1	0	0	0	359
OCT	316	51	2	0	0	0	0	369
NOV	300	52	3	0	0	0	0	355
DEC	255	114	1	0	0	0	0	370
YEAR	3196	872	99	30	8	0	0	4205

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.0	0	0.0	1.0	1.9	3.0	6.4	8.5	12.0	14.6	23	3.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12014 UNIV MET STN COLLEGE/CALIF ST WINDSOR													MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1														
2														
3														
4														
5														
6	14	20	16	6	6	6	6	6	2	6	19	14	*****	
7	6	4	3	2	2	3	1	5	5	4	6	6	9	
8	5	6	3	2	4	0	2	6	6	0	3	10	4	
9	2	1	0	2	2	1	7	0	1	0	3	6	2	
10	2	2	2	3	4	2	2	1	2	0	6	2	2	
11	5	3	4	2	3	7	0	6	8	9	5	8	5	
12	3	4	2	5	7	6	4	10	2	4	4	5	5	
13	11	12	6	8	5	6	8	6	2	5	4	4	6	
14	2	8	1	7	6	3	7	12	8	3	7	5	6	
15	1	6	1	7	4	2	0	7	3	3	0	4	3	
16	2	4	3	1	0	5	6	4	3	1	2	8	3	
17	2	2	6	6	5	3	2	5	5	2	9	2	4	
18	4	9	4	5	6	6	10	14	4	2	1	4	6	
19	2	1	4	0	2	2	0	2	2	3	2	1	2	
20	4	7	4	13	6	2	4	4	2	5	7	6	5	
21	2	4	5	3	3	2	2	2	1	0	2	2	2	
22	0	0	6	2	0	4	0	1	0	3	3	0	2	
23	4	5	1	1	0	2	0	0	0	3	0	1	1	
24	1	0	1	0	0	0	0	2	3	1	0	0	1	
25	0	2	0	2	1	2	1	0	2	0	1	1	1	
26	1	0	1	0	2	0	1	0	0	0	2	2	1	
27	0	0	0	0	0	1	0	1	1	0	1	0	0	
28	1	0	0	0	1	0	1	0	4	0	0	2	1	
29	0	2	1	0	1	1	0	1	1	1	1	0	1	
30	3	0	1	0	2	0	1	1	0	1	1	0	1	
31	2	2	0	2	0	0	1	0	0	1	0	3	1	
MEAN	3	4	3	3	3	3	3	4	3	3	3	4	3.1	

PERCENTAGE OF DATA VALID - 85.8

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 14.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12014 UNIV MET STN COLLEGE/CALIF ST WINDSOR													MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	5	0	0	2	1	2	0	2	2	2	1	1	
2	0	0	0	0	2	0	0	0	1	0	2	0	0	
3	0	1	2	0	0	1	1	2	0	0	0	0	1	
4	0	1	0	2	1	4	2	0	2	1	0	0	1	
5	0	2	0	2	2	0	0	1	0	2	3	0	1	
6	1	1	2	0	2	3	0	0	0	4	0	1	1	
7	2	0	0	2	0	0	1	0	0	0	0	0	1	
8	0	2	1	1	0	0	3	2	0	0	0	0	1	
9	0	2	2	0	1	1	0	2	2	0	0	0	1	
10	0	0	0	2	0	2	0	2	1	2	0	0	1	
11	2	0	1	0	1	0	3	0	2	0	1	0	1	
12	0	0	0	1	0	1	0	2	0	0	0	2	1	
13	0	0	1	1	1	0	1	0	1	0	1	2	1	
14	2	0	2	2	0	2	0	2	0	0	1	1	1	
15	1	2	2	0	2	0	1	0	2	2	1	1	1	
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.9	

PERCENTAGE OF DATA VALID - 53.6

PERCENTAGE OF DATA INVALID - 89.3

PERCENTAGE OF DATA UNAVAILABLE - 42.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12014 UNIV MET STN COLLEGE/CALIF ST WINDSOR													MONTH - MAR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1														
2														
3														
4														
5														
6														
7														
8	****	****	****	****	****	****	****	****	****	****	****	****		
9	5	2	2	3	3	3	3	1	5	5	5	3	*****	
10	5	6	5	9	5	7	3	9	3	4	8	13	3	6
11	7	8	10	11	9	4	6	7	5	5	7	5	7	
12	7	7	5	3	0	6	2	2	4	3	0	0	3	
13	1	3	3	1	2	0	2	2	1	1	8	4	2	
14	9	4	2	5	9	7	7	5	3	5	5	8	6	
15	4	5	4	2	4	4	3	2	2	2	7	2	4	
16	0	3	3	0	3	1	3	2	0	5	0	3	2	
17	2	2	2	3	3	4	2	3	0	2	0	3	2	
18	2	2	0	4	4	3	0	2	3	2	3	0	2	
19	5	7	4	7	5	7	3	4	2	2	0	4	4	
20	0	3	3	2	0	3	3	2	2	2	5	9	3	
21	0	8	3	5	6	2	8	4	2	2	3	3	4	
22	2	5	0	2	3	1	0	3	2	2	2	3	2	
23	5	2	4	7	7	7	****	****	****	****	****	****	****	
24														
25														
26														
27														
28														
29														
30														
31														
MEAN	4	4	3	4	4	4	3	3	3	3	4	4	3.7	

PERCENTAGE OF DATA VALID - 47.6

PERCENTAGE OF DATA INVALID - 100.8

PERCENTAGE OF DATA UNAVAILABLE - 48.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12014 UNIV MET STN COLLEGE/CALIF ST WINDSOR													MONTH - APR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1														
2														
3														
4														
5	4	7	3	3	3	3	5	3	0	5	2	2	*****	
6	3	3	0	2	5	2	2	3	0	3	2	3	4	
7	0	0	0	1	1	7	5	0	0	0	0	0	2	
8	1	0	2	0	1	1	3	0	1	0	3	0	1	
9	0	3	0	1	0	0	11	0	0	3	0	0	2	
10	0	0	0	2	0	0	5	0	0	3	0	3	1	
11	0	0	0	0	0	0	3	0	9	5	0	3	2	
12	5	9	0	0	3	0	1	0	0	5	0	0	2	
13	15	3	0	0	7	0	0	0	0	0	0	0	2	
14	1	5	0	0	0	0	0	0	0	****	-	-	2	
15													1	
16														
17														
18														
19														
20														
21														
22														
23	1	1	0	0	0	1	1	0	0	0	1	0	*****	
24	0	5	3	3	0	0	0	1	0	0	1	0	1	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	
28	0	0	0	0	1	0	0	0	0	1	1	0	0	
29	0	0	0	0	0	0	0	0	1	0	0	0	0	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN	2	2	0	1	1	1	2	1	1	1	1	1	1.1	

PERCENTAGE OF DATA VALID - 61.9

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 36.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12014 UNIV MET STN COLLEGE/CALIF ST WINDSOR													MONTH - JUL 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	7	2	0	6	2	7	3	2	3	2	1	2	3	
2	2	5	2	3	2	0	4	2	5	9	6	6	4	
3	2	3	2	0	1	4	2	5	2	3	11	8	4	
4	5	0	2	0	2	0	4	2	2	3	3	6	2	
5	9	3	13	5	3	2	5	2	7	9	11	5	6	
6	11	9	9	3	2	6	4	3	6	5	11	15	7	
7	7	2	8	5	3	5	3	3	1	2	0	0	3	
8	5	0	7	2	0	2	3	2	2	3	2	2	3	
9	5	3	2	0	0	2	0	3	0	2	0	2	2	
10	2	2	3	0	2	0	0	2	0	5	1	3	2	
11	3	2	5	2	****	3	3	3	2	5	5	7	4	
12	7	5	9	7	6	3	3	8	5	7	5	3	6	
13	5	7	5	0	0	2	2	5	0	3	4	2	3	
14	5	11	21	16	3	5	5	3	1	3	5	4	7	
15	4	3	10	13	9	3	4	3	3	4	3	4	5	
16	1	4	5	3	0	7	2	2	2	4	2	2	3	
17	0	7	10	3	1	5	2	0	5	0	3	6	3	
18	7	9	7	5	3	3	3	2	5	0	3	4	4	
19	2	5	7	6	5	5	2	6	3	2	10	4	5	
20	3	4	6	9	7	3	3	5	****	6	4	3	5	
21	7	3	5	3	5	3	2	3	2	4	2	0	3	
22	3	0	2	2	0	2	0	3	0	1	2	3	2	
23	4	2	5	4	2	0	0	3	3	2	5	2	3	
24	2	2	4	5	2	2	1	3	0	2	2	1	2	
25	5	5	3	2	0	2	2	0	2	1	0	2	2	
26	0	2	5	2	2	0	2	0	1	2	2	1	2	
27	0	0	3	3	0	0	0	2	0	2	0	3	1	
28	2	2	5	3	5	0	****	4	2	5	5	3	3	
29	2	3	7	8	4	2	4	4	4	0	5	3	4	
30	5	3	2	2	3	0	2	3	5	0	3	2	3	
31	1	2	2	2	3	2	2	0	1	4	0	3	2	
MEAN	4	4	6	4	3	3	2	3	2	3	4	4	3.4	

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LEJ5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12014 UNIV MET STN COLLEGE/CALIF ST WINDSOR													MONTH - AUG 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	2	3	2	0	0	1	1	2	2	3	2	
2	4	7	6	2	3	0	3	1	3	2	6	1	3	
3	3	2	8	6	5	1	3	3	3	4	5	7	4	
4	9	9	5	2	6	4	2	3	2	2	2	1	4	
5	3	3	7	3	3	4	2	2	4	3	3	3	3	
6	0	2	2	2	1	2	2	4	3	0	0	4	2	
7	2	2	2	0	3	1	0	2	1	2	0	3	2	
8	4	3	5	0	6	****	****	0	2	4	5	4	3	
9	3	2	1	0	0	2	0	2	3	1	4	6	2	
10	2	2	2	5	2	2	0	2	2	0	5	4	2	
11	3	3	9	11	7	5	3	2	2	3	2	2	4	
12	2	4	6	7	2	4	2	2	4	2	3	3	3	
13	2	6	3	5	3	2	2	2	2	0	1	2	3	
14	0	2	3	1	0	0	0	0	0	0	2	0	1	
15	0	1	0	3	2	0	2	0	0	2	2	2	1	
16	3	0	0	0	7	2	3	0	2	1	3	4	2	
17	1	2	0	2	2	3	2	0	2	2	2	0	2	
18	0	2	3	3	3	1	0	2	0	2	0	6	2	
19	7	1	5	****	****	****	0	2	2	0	0	2	2	
20	2	0	2	1	2	0	2	0	0	0	1	0	1	
21	1	3	0	2	1	7	3	0	1	2	3	2	2	
22	3	4	6	1	2	****	****	****	****	****	****	****	****	
23	****	****	****	****	****	****	****	6	6	2	0	0	****	
24	3	1	0	3	0	0	3	5	3	2	2	4	2	
25	5	5	2	4	1	2	5	2	2	1	2	4	3	
26	3	2	4	9	3	5	2	0	3	6	2	4	4	
27	8	5	2	2	4	2	0	0	3	4	2	3	3	
28	0	0	0	0	3	0	0	0	0	0	3	2	1	
29	1	3	2	4	0	5	3	2	0	5	9	11	4	
30	0	0	0	6	2	2	3	5	2	4	2	2	2	
31	1	3	7	8	8	8	6	3	2	7	5	7	5	
MEAN	3	3	3	3	3	2	2	2	2	2	3	3	2.6	

PERCENTAGE OF DATA VALID - 94.9 PERCENTAGE OF DATA INVALID - 5.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LEJ5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12014 UNIV MET STN COLLEGE/CALIF ST WINDSOR													MONTH - SEP 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	9	4	9	12	8	4	3	3	6	5	9	6	
2	3	8	3	4	11	6	3	4	5	1	5	1	5	
3	2	0	0	0	1	0	3	4	2	0	2	2	1	
4	2	2	2	0	3	0	0	2	2	3	0	3	2	
5	1	3	4	4	7	0	3	0	2	1	2	2	2	
6	0	0	2	3	3	1	2	2	7	2	2	5	2	
7	2	2	3	7	3	4	2	0	0	4	5	3	3	
8	3	3	1	1	3	2	4	3	4	5	7	2	3	
9	4	4	11	5	4	4	4	13	0	11	0	3	5	
10	0	10	12	4	1	2	0	2	0	4	0	6	3	
11	3	3	4	6	0	0	0	3	0	2	3	2	2	
12	1	4	4	4	4	1	1	2	2	3	6	2	3	
13	0	1	1	5	7	6	2	6	2	2	0	2	3	
14	3	2	3	0	1	0	2	2	1	4	4	7	2	
15	0	3	3	0	4	2	2	2	2	1	2	3	3	
16	6	0	4	1	4	4	0	5	2	6	0	2	6	
17	13	14	2	8	4	6	5	5	4	2	2	0	2	
18	6	0	1	4	3	2	3	2	2	5	0	0	2	
19	2	0	0	2	3	5	1	2	5	7	1	0	2	
20	3	2	3	2	8	0	0	0	4	0	5	0	2	
21	1	3	2	0	2	3	3	0	2	4	1	2	2	
22	0	0	0	3	4	3	2	0	2	1	1	5	2	
23	2	2	0	5	3	2	0	0	2	0	3	6	2	
24	0	2	2	1	3	3	1	2	2	0	2	1	2	
25	3	0	2	0	3	0	2	2	1	0	2	2	1	
26	0	2	2	0	2	0	6	0	0	7	2	3	2	
27	1	5	1	2	2	1	0	3	0	2	3	0	2	
28	2	3	2	2	3	0	2	1	0	0	7	2	2	
29	4	3	4	1	5	2	7	1	2	1	4	5	3	
30	0	6	2	4	3	1	7	3	11	7	0	2	4	
MEAN	2	3	3	3	4	2	2	2	2	3	3	3	2.8	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".*" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LEJS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12014 UNIV MET STN COLLEGE/CALIF ST WINDSOR													MONTH - OCT 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	1	4	3	3	0	0	4	0	2	2	2	2	
2	0	2	0	1	1	4	3	0	1	0	4	0	1	
3	2	3	0	8	2	5	1	2	0	2	3	3	3	
4	0	3	6	6	4	3	0	2	5	15	12	12	6	
5	8	3	0	5	3	5	5	2	5	9	3	2	4	
6	4	3	0	6	5	2	4	1	0	0	0	2	3	
7	2	3	5	3	2	2	0	0	0	1	3	2	1	
8	2	4	1	2	2	2	2	2	2	4	0	1	2	
9	6	2	2	1	0	3	0	0	2	6	3	4	2	
10	5	8	8	7	3	2	1	4	2	5	3	2	4	
11	2	2	2	2	2	2	3	2	2	2	1	2	2	
12	4	3	2	3	5	2	2	4	0	3	2	3	3	
13	0	2	4	4	****	0	2	3	4	4	11	19	5	
14	10	15	21	21	11	8	5	5	4	5	5	9	10	
15	7	9	9	8	9	7	7	3	2	2	0	3	6	
16	0	2	2	2	2	0	2	1	0	2	0	0	1	
17	3	2	3	11	9	5	3	4	2	3	0	2	4	
18	3	2	0	8	5	3	0	5	3	5	7	0	3	
19	3	1	5	2	5	3	4	0	3	0	5	13	4	
20	7	8	7	9	11	7	5	7	2	7	6	2	7	
21	5	4	5	9	3	5	0	3	0	2	4	2	4	
22	4	4	7	4	3	0	2	2	0	2	0	0	2	
23	3	2	2	0	2	0	2	2	3	2	2	2	2	
24	3	5	0	7	7	5	5	5	9	7	7	11	6	
25	12	7	10	9	9	7	3	7	7	5	4	3	7	
26	9	2	6	5	7	3	11	8	9	9	13	13	8	
27	16	9	5	13	13	9	11	3	5	9	7	2	9	
28	3	2	2	3	5	4	3	5	5	3	5	7	4	
29	3	2	3	3	3	3	1	4	2	7	2	2	3	
30	2	5	0	2	4	2	4	0	2	2	2	3	2	
31	2	2	3	3	9	6	2	2	4	6	4	3	4	
MEAN	4	4	4	6	5	4	3	3	3	4	4	4	3.9	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".*" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LEJS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12014 UNIV MET STN COLLEGE/CALIF ST WINDSOR													MONTH - NOV 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	4	6	4	4	5	3	1	3	7	7	5	2	4	
2	4	4	3	6	2	2	5	2	3	11	5	4	4	
3	4	3	3	2	3	4	2	4	5	8	17	29	7	
4	18	17	9	0	0	2	0	3	1	0	2	2	5	
5	0	2	2	2	4	4	0	2	2	3	1	2	2	
6	4	0	2	2	3	1	2	4	2	2	2	2	2	
7	3	2	3	5	3	2	5	2	7	4	2	1	3	
8	4	2	4	2	8	5	3	5	6	5	8	4	5	
9	6	5	3	0	6	4	5	3	4	5	5	5	4	
10	2	4	3	5	4	2	4	2	3	1	4	2	3	
11	3	3	5	2	3	6	2	5	2	3	2	2	3	
12	2	1	2	2	2	2	1	0	1	2	0	2	1	
13	0	3	1	2	0	2	0	2	2	4	2	12	3	
14	2	7	2	8	6	2	5	6	4	4	9	7	5	
15	8	8	3	5	7	9	5	4	4	3	4	6	6	
16	5	5	2	2	5	5	2	7	5	10	7	6	5	
17	6	2	2	7	8	5	***	9	9	10	6	5	6	
18	1	6	7	4	5	3	7	3	3	7	3	3	4	
19	3	4	2	9	5	5	2	3	2	2	5	3	4	
20	3	3	5	4	5	5	0	5	4	3	2	2	3	
21	7	7	4	4	5	7	2	4	3	6	5	7	5	
22	0	5	8	3	6	5	6	4	3	2	7	3	5	
23	5	3	3	6	9	6	13	7	13	6	7	7	7	
24	11	11	2	9	3	7	3	9	4	4	3	0	6	
25	6	2	2	4	2	5	3	4	3	3	2	6	4	
26	2	3	2	0	1	2	2	3	3	3	0	2	2	
27	5	5	6	3	3	4	0	3	2	0	3	3	3	
28	9	2	0	4	3	7	3	5	4	7	10	7	5	
29	5	7	9	10	29	15	9	3	4	9	13	7	10	
30	5	5	9	7	7	7	9	5	13	7	7	5	7	
MEAN	5	5	4	4	5	5	3	4	4	5	5	5	4.4	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12014 UNIV MET STN COLLEGE/CALIF ST WINDSOR													MONTH - DEC 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	8	8	4	0	9	5	10	4	4	***	2	2	5	
2	5	9	2	8	7	4	6	3	5	8	3	11	6	
3	4	7	5	3	0	0	3	0	3	8	0	7	3	
4	13	5	0	2	0	0	3	0	4	3	5	3	3	
5	0	0	1	2	3	1	2	5	2	0	2	2	2	
6	3	0	2	5	2	5	0	9	5	3	3	3	3	
7	6	6	7	7	13	15	6	9	3	5	9	7	8	
8	7	9	5	13	12	0	2	5	5	4	3	8	6	
9	3	8	13	6	11	9	9	11	9	3	5	2	7	
10	7	9	9	11	11	9	11	3	6	3	9	11	8	
11	11	7	5	5	13	11	14	5	2	4	3	3	7	
12	7	2	4	0	3	4	3	7	2	6	7	5	4	
13	2	7	4	5	3	5	11	5	11	5	***	5	6	
14	16	3	11	13	2	11	10	0	11	3	7	9	8	
15	6	0	3	8	11	6	9	7	7	9	7	9	8	
16	5	0	5	7	7	4	2	7	8	9	7	9	7	
17	6	5	2	4	2	***	4	4	4	2	4	6	5	
18	1	5	2	5	2	7	3	3	3	8	4	5	4	
19	0	6	3	4	5	7	3	7	9	7	5	7	5	
20	7	7	5	2	4	3	3	4	2	5	1	2	4	
21	3	2	2	5	5	5	5	3	8	3	2	3	4	
22	5	5	4	5	6	3	2	0	8	1	0	3	4	
23	4	3	2	1	0	2	5	2	3	0	5	9	3	
24	9	11	3	5	6	4	5	3	7	4	2	2	5	
25	3	2	3	2	3	0	2	4	0	3	7	5	3	
26	1	1	5	5	4	0	5	4	0	3	4	4	3	
27	3	6	3	2	6	3	5	0	1	0	3	7	3	
28	5	9	3	2	3	6	6	4	5	4	8	5	5	
29	10	8	9	9	***	8	5	9	4	3	4	3	7	
30	6	3	8	6	9	8	9	9	8	5	4	2	6	
31	0	2	0	2	2	3	2	0	0	2	3	4	2	
MEAN	5	5	4	5	5	5	5	4	5	4	4	5	4.8	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12014 UNIV MET STN COLLEGE/CALIF ST WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	3.1	9	20
FEB	15	0.9	1	5
MAR	14	3.7	7	13
APR	18	1.1	4	15
MAY	31	2.0	9	19
JUN	26	3.4	6	17
JUL	31	3.4	7	21
AUG	29	2.6	5	11
SEP	30	2.8	6	14
OCT	31	3.9	10	21
NOV	30	4.4	10	29
DEC	31	4.8	8	16
YEAR	312	3.1	10	29

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12014 UNIV MET STN COLLEGE/CALIF ST WINDSOR

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	233	76	7	3	0	0	0	319
FEB	179	1	0	0	0	0	0	180
MAR	118	57	2	0	0	0	0	177
APR	205	15	3	0	0	0	0	223
MAY	314	44	9	1	0	0	0	368
JUN	225	83	5	1	0	0	0	314
JUL	264	95	8	1	1	0	0	369
AUG	293	58	2	0	0	0	0	353
SEP	294	57	9	0	0	0	0	360
OCT	250	100	17	2	2	0	0	371
NOV	215	130	9	3	2	0	0	359
DEC	188	154	25	1	0	0	0	368
YEAR	2778	870	96	12	5	0	0	3761

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
85.9	0	0.0	1.0	1.9	3.5	6.7	8.5	10.8	12.7	29	3.1

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR													MONTH - MAR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1														
2														
3														
4														
5														
6														
7														
8														
9	****													
10	2	5	1	4	3	3	3	2	3	2	2	3	*****	4
11	10	3	11	2	9	3	9	5	2	2	3	3		5
12	5	7	3	2	3	0	2	2	0	2	0	1		2
13	0	2	0	2	3	0	0	3	0	0	0	1		1
14	0	0	0	5	0	3	5	2	2	2	3	2		2
15	1	2	1	1	2	2	2	1	2	2	7	6		2
16	2	5	2	4	5	9	11	5	7	3	5	2		5
17	1	0	5	3	5	2	4	3	2	0	2	2		2
18	1	1	2	3	1	2	2	0	3	2	1	2		2
19	3	4	7	3	3	5	5	3	2	2	0	0		3
20	2	0	2	2	0	2	7	0	5	3	5	3		3
21	2	3	0	2	1	1	2	2	2	2	2	3		2
22	0	2	2	1	0	2	1	2	2	2	9	5		2
23	1	7	3	3	5	2	2	***	2	2	0	3		3
24	2	5	0	2	0	2	2	1	2	2	5	1		2
25	0	0	3	3	3	2	7	3	3	2	3	3		3
26	0	0	2	3	2	2	0	1	2	2	3	2		2
27	2	3	2	2	4	1	2	3	3	2	2	3		2
28	3	4	1	3	28	25	7	2	2	5	2	11		8
29	5	17	28	21	13	2	2	0	5	4	3	0		8
30	5	2	2	0	4	2	2	1	11	7	8	5		4
31	5	2	5	3	2	3	2	2	3	3	1	8		3
MEAN	2	3	4	3	4	3	4	2	3	2	3	3	3.2	

PERCENTAGE OF DATA VALID - 71.8

PERCENTAGE OF DATA INVALID - 52.7

PERCENTAGE OF DATA UNAVAILABLE --24.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR													MONTH - APR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	0	3	2	0	3	2	0	3	2	2		2
2	3	0	0	3	2	25	5	0	1	2	3	5		4
3	5	2	2	0	2	2	0	2	0	0	3	0		2
4	0	0	0	3	2	3	0	1	2	2	3	1		1
5	1	2	0	0	2	2	2	***	3	4	0	7		2
6	3	0	0	3	3	1	5	3	2	2	2	3		2
7	2	9	1	2	2	2	0	3	3	2	0	1		2
8	3	0	2	0	0	5	2	2	3	2	0	0		2
9	0	2	7	2	2	0	2	2	0	2	3	0		2
10	0	0	2	0	2	1	3	2	2	3	2	4		2
11	3	2	3	2	3	2	5	0	2	2	4	0		2
12	0	3	0	2	2	3	***	6	5	2	11	9		4
13	5	3	4	2	7	3	9	11	13	13	2	1		6
14	2	3	3	2	3	0	5	19	5	2	5	7		5
15	5	7	10	5	13	9	5	2	2	3	4	3		6
16	5	2	5	7	3	3	3	2	5	2	2	5		4
17	5	5	3	1	0	4	0	6	2	3	4	2		3
18	2	3	5	6	4	5	9	9	7	6	11	13		7
19	11	11	16	11	10	20	26	13	9	9	7	5		12
20	2	5	3	6	2	2	5	5	6	5	2	3		4
21	3	2	1	3	3	3	***	5	0	2	7	2		3
22	3	1	2	3	2	2	1	2	0	3	0	2		2
23	0	0	0	2	0	2	0	0	3	1	0	0		1
24	0	0	2	2	0	2	0	3	3	3	0	2		1
25	3	0	2	1	3	2	2	2	0	2	2	7		2
26	3	1	7	11	5	7	2	2	2	2	2	3		4
27	12	8	2	1	3	2	2	2	3	3	2	6		4
28	2	0	1	3	0	0	2	0	0	2	3	0		1
29	3	3	3	7	5	3	1	2	0	3	1	1		3
30	3	2	1	5	3	2	2	3	2	2	0	2		2
MEAN	3	3	3	3	3	4	4	4	3	3	3	3	3.2	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR													MONTH - JUL 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	5	3	2	1	3	4	3	6	5	3	4	3	
2	3	2	1	2	2	2	0	4	0	2	2	0	2	
3	2	2	2	3	2	1	0	0	1	1	0	2	1	
4	1	2	0	2	6	5	1	0	3	0	0	0	2	
5	0	17	21	9	3	3	2	2	1	1	6	6	6	
6	6	7	5	7	6	3	3	7	7	15	13	6	7	
7	2	5	2	2	7	3	5	13	2	1	3	0	4	
8	3	2	3	1	5	2	3	2	0	0	0	2	2	
9	3	11	3	2	2	0	2	0	2	0	2	1	2	
10	2	0	1	0	3	2	2	0	2	3	2	0	1	
11	1	3	3	***	-	6	4	3	1	5	0	2	3	
12	5	8	8	1	6	3	6	3	3	0	0	2	4	
13	5	8	13	6	4	3	1	3	1	5	5	2	5	
14	2	2	8	8	3	2	3	4	2	2	2	5	4	
15	2	3	4	4	11	1	2	3	1	5	7	2	4	
16	3	1	10	3	2	6	2	5	0	4	4	3	4	
17	2	4	2	6	0	8	3	2	3	1	3	2	3	
18	3	2	4	3	2	0	4	6	4	3	0	3	3	
19	4	4	11	3	4	6	7	6	6	2	7	11	6	
20	19	17	15	18	9	7	6	4	4	2	2	18	10	
21	12	9	7	4	4	3	3	1	0	1	0	1	4	
22	2	2	1	2	0	3	0	0	2	1	2	0	1	
23	3	0	2	5	2	0	0	2	2	2	2	2	2	
24	0	3	7	2	2	1	2	2	2	2	0	4	2	
25	2	17	7	4	3	2	2	2	0	4	1	2	4	
26	2	0	7	2	3	2	2	0	0	0	0	0	0	
27														
28														
29														
30														
31														
MEAN	3	5	6	4	4	3	3	3	2	3	3	3	3.5	

PERCENTAGE OF DATA VALID - 82.0

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 17.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR													MONTH - AUG 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1														
2														
3														
4														
5														
6														
7														
8														
9														
10	-	-	-	-	-	4	0	4	0	1	3	5	*****	
11	13	9	10	13	7	5	7	9	2	2	3	5	7	
12	11	12	9	7	8	1	4	1	2	2	2	2	5	
13	2	4	7	0	0	5	1	1	2	1	6	1	3	
14	3	5	5	0	0	2	0	4	0	2	1	1	2	
15	2	1	2	8	4	0	2	2	2	0	1	0	2	
16	0	0	2	5	2	6	4	2	3	7	7	7	4	
17	0	2	0	7	1	4	2	7	5	5	1	0	3	
18	12	2	8	5	5	0	5	0	3	2	3	2	4	
19	2	3	2	11	6	6	2	2	3	0	4	0	3	
20	1	2	2	3	2	2	3	2	0	0	2	2	2	
21	0	0	2	0	3	5	5	2	5	0	5	1	2	
22	8	3	11	5	2	3	3	7	0	0	2	5	4	
23	2	0	4	7	4	***	2	3	5	3	2	5	4	
24	2	0	0	0	0	5	2	0	2	0	2	2	3	
25	2	2	0	5	2	0	2	3	0	0	3	0	1	
26	0	5	3	7	4	3	0	0	0	5	0	5	2	
27	5	2	0	5	3	4	0	2	7	0	2	2	3	
28	2	2	0	0	2	0	0	3	0	0	2	0	1	
29	0	2	0	3	1	5	14	***	3	0	2	5	3	
30	3	0	0	2	5	0	28	2	2	2	3	3	4	
31	0	0	7	3	4	2	5	3	2	2	2	3	3	
MEAN	3	3	4	5	3	3	4	3	2	2	3	2	3.0	

PERCENTAGE OF DATA VALID - 69.1

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 30.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR													MONTH - NOV 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	7	5	2	5	0	4	2	3	0	0	2	3		
2	0	1	2	3	2	0	2	3	2	10	5	3	3	
3	2	2	2	2	2	6	2	5	2	3	3	5	3	
4	15	11	9	2	5	0	2	2	2	3	3	5	3	
5	0	0	0	0	2	0	0	2	2	5	5	2	5	
6	2	2	5	0	2	0	6	3	2	2	3	0	2	
7	0	5	2	2	2	2	6	0	5	0	6	0	2	
8	3	2	5	2	3	2	3	4	2	3	2	4	3	
9	5	0	2	3	4	6	2	3	0	2	3	2	3	
10	3	0	3	0	2	2	0	2	4	0	2	2	2	
11	2	2	2	7	2	7	9	7	5	5	7	4	5	
12	4	3	1	0	2	0	10	0	5	3	0	2	3	
13	0	3	4	2	2	5	0	5	5	2	3	5	3	
14	2	2	1	3	3	2	6	1	5	3	5	3	3	
15	5	0	3	2	2	9	3	8	0	3	3	4	4	
16	1	3	3	3	3	5	7	0	0	3	3	9	4	
17	5	5	5	3	4	8	0	11	13	8	7	8	7	
18	10	13	8	5	13	7	3	12	5	4	19	7	9	
19	2	2	2	0	***	5	2	5	2	2	3	0	2	
20	2	3	1	3	3	2	5	0	6	4	3	3	3	
21	2	9	5	3	5	3	9	7	2	5	11	3	5	
22	2	2	2	2	4	4	3	6	4	0	3	3	3	
23	0	2	3	4	2	2	7	6	3	11	4	7	4	
24	9	7	6	7	6	1	8	2	11	2	2	6	2	
25	2	0	2	0	3	3	0	8	3	5	0	0	2	
26	5	2	0	3	3	***	6	9	9	2	8	3	5	
27	13	5	9	2	3	3	2	2	1	4	5	2	4	
28	0	4	3	3	2	3	3	4	3	4	2	6	3	
29	7	4	7	3	10	3	3	4	9	11	7	8	6	
30	0	3	5	5	8	8	3	10	7	3	5	8	5	
MEAN	4	3	3	3	4	4	4	5	4	4	4	4	3.7	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR													MONTH - DEC 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	8	2	4	3	5	1	3	2	3	2	2	5	3	
2	3	2	1	3	4	0	3	2	5	3	0	5	3	
3	2	2	0	4	***	***	***	***	***	***	***	***	*****	
4														
5														
6	****	****	****	****	****	****	8	12	2	8	7	2	*****	
7	7	16	17	17	18	5	11	7	7	4	4	5	10	
8	7	5	7	8	9	2	0	5	4	0	3	5	5	
9	8	7	6	6	3	5	3	5	3	4	15	13	7	
10	16	11	11	11	11	7	2	8	8	6	4	11	9	
11	3	7	11	14	17	21	11	4	3	6	4	9	9	
12	11	2	5	4	3	2	5	6	8	5	11	7	6	
13	5	7	2	7	7	5	7	11	9	7	5	2	6	
14	9	4	8	19	16	13	9	13	4	13	9	2	10	
15	6	6	5	9	9	7	23	23	21	21	21	3	13	
16	5	7	2	4	7	7	***	***	11	5	5	2	6	
17	5	5	4	6	2	4	6	2	3	5	1	3	4	
18	3	5	5	2	0	4	7	2	5	6	3	7	4	
19	2	2	0	2	5	3	4	6	7	4	9	0	4	
20	7	2	2	5	3	21	18	9	7	3	2	2	7	
21	2	4	0	3	5	0	2	0	5	2	5	0	2	
22	7	5	1	2	2	5	2	3	1	4	2	2	3	
23	2	3	2	3	2	9	2	5	0	3	7	3	3	
24	3	0	5	4	2	6	6	5	5	7	2	7	4	
25	7	6	8	8	5	7	3	5	5	6	12	9	7	
26	3	4	2	3	0	2	5	0	4	0	3	2	5	
27	2	6	9	5	6	7	7	0	5	3	5	3	4	
28	3	2	7	5	3	0	2	5	2	4	9	4	5	
29	3	0	7	2	5	2	4	1	9	7	9	2	4	
30	7	5	8	4	5	3	11	12	3	9	6	7	7	
31	3	5	3	3	3	0	3	2	0	2	2	5	3	
MEAN	5	5	5	6	6	5	6	6	5	5	6	5	5.4	

PERCENTAGE OF DATA VALID - 89.2

PERCENTAGE OF DATA INVALID - 10.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR	22	3.2	8	28
APR	30	3.2	12	26
MAY	29	3.9	14	25
JUN	29	2.9	5	21
JUL	25	3.5	10	21
AUG	21	3.0	7	28
SEP	30	3.4	6	20
OCT	31	3.8	7	19
NOV	30	3.7	9	19
DEC	27	5.4	13	23
YEAR	274	3.6	14	28

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	DATA UNAVAILABLE							
MAR	212	45	5	1	4	0	0	267
APR	277	62	13	3	2	0	0	357
MAY	246	77	23	5	2	0	0	353
JUN	270	78	3	0	1	0	0	352
JUL	231	57	10	6	1	0	0	305
AUG	192	56	8	0	1	0	0	257
SEP	257	86	9	3	0	0	0	355
OCT	235	109	20	1	0	0	0	365
NOV	241	104	12	1	0	0	0	358
DEC	158	136	22	9	7	0	0	332
YEAR	2319	810	125	29	18	0	0	3301

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89.9	0	0.0	1.3	2.2	4.0	7.1	10.1	13.1	17.0	28	3.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12032 MORTON DOCK BEDFORD/OJIBWAY WINDSOR													MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	3	2	0	0	1	2	2	1	2	4	2	2
2	4	0	0	0	3	0	2	4	2	2	6	1	2	2
3	2	0	2	0	3	0	3	3	2	2	2	2	2	2
4	3	3	1	2	7	15	3	4	2	2	2	2	4	4
5	4	4	3	3	9	3	3	2	2	2	5	4	4	4
6	8	5	2	2	3	2	3	3	5	2	9	2	2	2
7	5	2	1	2	2	1	3	1	1	0	3	4	4	2
8	2	2	1	2	2	0	4	0	4	2	3	8	3	3
9	4	2	2	2	3	2	2	3	0	2	2	2	2	2
10	0	2	3	2	3	2	3	1	2	2	0	2	2	2
11	2	0	2	1	2	2	4	4	5	2	3	1	2	2
12	6	4	4	2	4	8	4	0	5	2	3	4	4	4
13	1	5	3	3	7	0	2	3	2	1	2	4	3	3
14	0	2	2	2	4	2	7	6	3	4	3	1	3	3
15	2	1	2	3	6	2	2	4	2	0	3	1	2	2
16	2	4	0	2	1	1	4	0	2	0	2	2	2	2
17	2	3	0	4	6	4	4	2	1	5	4	3	3	3
18	1	4	0	4	3	9	7	5	3	0	0	3	3	3
19	2	2	4	2	1	***	0	2	0	0	4	2	2	2
20	10	0	1	0	3	8	6	4	4	8	3	2	4	4
21	2	6	3	3	8	5	2	4	3	3	5	5	4	4
22	1	6	3	2	7	3	2	3	2	3	4	5	3	3
23	2	2	3	4	4	3	2	3	2	1	2	3	3	3
24	4	2	2	4	2	6	4	4	5	3	4	1	3	3
25	2	***	***	***	0	2	3	2	0	5	1	2	2	2
26	2	2	4	2	0	5	0	4	0	3	2	0	2	2
27	0	2	0	4	5	0	3	3	4	2	2	3	2	2
28	2	0	3	3	2	0	2	4	0	4	7	5	3	3
29	2	5	2	6	2	0	3	1	2	2	2	3	3	3
30	3	2	0	0	0	0	2	0	0	0	2	7	1	1
31	0	3	2	2	0	4	4	0	2	2	0	2	2	2
MEAN	3	3	2	2	3	3	3	3	2	2	3	3	2.6	2.6

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - -0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 12032 MORTON DOCK BEDFORD/OJIBWAY WINDSOR													MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	2	0	3	2	2	0	4	2	3	0	2	2
2	2	3	0	4	2	0	1	5	6	3	3	3	3	3
3	2	0	3	5	***	6	0	1	4	2	2	3	3	3
4	3	2	2	3	2	2	3	4	6	6	2	3	3	3
5	6	5	2	4	2	0	4	2	2	2	0	0	2	2
6	2	2	0	2	3	5	0	0	2	4	2	5	2	2
7	4	2	0	8	4	2	4	1	4	2	8	2	3	3
8	2	2	3	4	4	4	2	4	1	5	2	4	3	3
9	7	5	3	0	6	5	2	4	4	2	0	4	4	4
10	5	3	2	6	0	7	4	4	6	2	4	4	4	4
11	3	2	3	8	6	4	2	0	5	4	2	2	3	3
12	3	3	3	7	2	2	8	1	4	2	2	3	4	4
13	2	4	3	0	2	6	2	1	1	3	0	0	2	2
14	0	2	2	0	0	2	***	***	0	0	3	0	1	1
15	4	4	3	3	5	4	0	3	4	6	5	4	4	4
16	2	6	2	7	6	1	6	1	8	0	2	1	4	4
17	2	4	2	6	10	3	1	3	6	1	2	3	4	4
18	2	1	5	0	2	2	1	3	3	2	4	2	2	2
19	4	3	3	7	3	2	2	0	1	1	2	5	3	3
20	1	3	2	2	4	2	4	1	5	0	6	2	3	3
21	3	0	3	3	4	3	2	2	0	1	0	4	2	2
22	0	3	2	3	2	3	5	1	2	8	4	2	3	3
23	4	6	0	2	4	5	5	5	1	3	0	3	3	3
24	0	3	3	3	0	2	2	2	1	0	2	4	2	2
25	0	1	3	2	1	5	1	2	2	4	0	0	2	2
26	0	4	1	3	1	2	3	0	5	0	3	0	2	2
27	2	0	6	1	1	2	3	1	0	0	3	1	2	2
28	0	1	0	3	4	0	2	0	0	4	2	2	2	2
MEAN	2	3	2	3	3	3	2	2	3	2	2	2	2.6	2.6

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - SW NO 12032 MORTON DOCK BEDFORD/OJIBWAY WINDSOR													MONTH - MAY 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	0	7	2	0	3	0	0	4	1	4	5	2	
2	5	3	0	0	4	5	6	0	3	2	2	1	3	
3	2	2	2	0	2	0	1	1	0	2	2	2	1	
4	3	2	5	1	****	-	-	-	-	-	-	-	*****	
5	-	-	-	-	-	7	3	2	3	3	2	2	*****	
6	5	4	0	2	7	3	1	1	1	3	3	3	3	
7	0	0	1	3	0	4	0	0	2	2	0	3	1	
8	2	3	0	5	0	0	1	5	3	2	4	0	2	
9	1	2	3	2	0	2	2	0	0	0	3	1	2	
10	2	2	9	11	3	15	****	5	0	3	3	2	5	
11	5	5	9	11	7	2	3	2	0	4	1	7	5	
12	5	2	3	7	5	3	9	5	0	3	3	2	4	
13	3	3	5	9	10	3	2	4	5	0	5	5	5	
14	3	0	0	2	0	0	0	0	0	0	0	2	1	
15	2	2	0	2	4	0	5	2	0	2	0	0	2	
16	0	3	3	3	2	5	6	2	1	4	2	3	3	
17	3	2	7	2	13	****	7	3	4	3	2	3	4	
18	0	3	2	5	7	2	3	3	3	2	3	1	3	
19	3	9	7	7	5	0	0	3	2	5	2	4	4	
20	3	3	5	2	3	1	3	1	2	3	2	3	3	
21	3	2	4	3	6	2	2	2	0	3	3	2	3	
22	2	2	0	3	2	1	2	0	1	5	2	0	2	
23	0	3	3	2	3	2	3	2	1	2	2	5	2	
24	2	2	3	3	5	5	5	2	3	2	5	7	4	
25	9	7	7	13	6	7	2	3	2	2	2	2	5	
26	2	3	2	2	4	2	0	2	3	2	2	0	2	
27	5	2	2	9	5	0	0	2	1	2	3	2	3	
28	3	11	9	11	4	6	2	4	2	5	3	0	5	
29	2	2	1	0	2	3	2	3	0	2	2	0	2	
30	2	0	2	0	2	2	1	0	0	2	0	3	1	
31	4	2	3	3	0	2	5	3	3	2	5	3	3	
MEAN	3	3	3	4	4	3	3	2	2	2	2	3	2.8	

PERCENTAGE OF DATA VALID - 96.0

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 3.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEW5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - SW NO 12032 MORTON DOCK BEDFORD/OJIBWAY WINDSOR													MONTH - JUN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	0	0	-	-	0	0	5	1	1	1	5	2	
2	3	5	3	3	4	5	4	4	2	1	0	5	3	
3	1	1	3	1	0	1	1	5	1	0	0	0	1	
4	0	1	0	5	0	3	1	3	4	5	5	0	2	
5	6	7	0	3	1	1	3	1	1	3	2	1	2	
6	1	1	5	0	1	3	1	0	1	3	0	9	2	
7	5	13	5	5	0	0	5	2	7	3	1	3	4	
8	0	5	3	7	5	1	3	0	1	1	0	1	2	
9	1	2	1	0	0	1	1	2	3	2	3	3	2	
10	1	7	5	3	0	1	3	3	0	2	1	1	2	
11	0	3	0	3	0	3	1	5	1	1	1	1	2	
12	1	0	1	3	3	1	1	5	3	1	1	0	2	
13	0	3	3	1	1	3	3	1	3	3	0	3	2	
14	2	3	0	8	5	1	0	3	1	0	1	5	2	
15	1	1	1	****	-	1	3	7	5	0	1	3	2	
16	3	5	1	0	1	5	0	7	1	5	0	1	2	
17	5	1	7	****	0	9	****	9	3	1	1	1	4	
18	4	3	0	3	1	1	0	0	3	0	3	1	2	
19	0	3	0	0	0	0	2	1	1	3	3	1	1	
20	5	1	1	****	0	1	3	2	2	5	0	3	2	
21	7	5	5	0	1	4	0	1	1	1	3	3	3	
22	5	7	5	1	0	0	1	1	3	1	1	1	2	
23	3	3	5	1	1	1	1	2	0	1	0	1	2	
24	1	1	1	5	3	1	1	5	0	3	3	3	2	
25	1	1	1	2	3	1	5	5	0	0	5	0	2	
26	2	7	3	2	2	1	13	0	4	0	0	0	3	
27	0	0	1	****	11	****	****	2	4	0	0	2	3	
28	2	1	0	2	2	0	0	1	0	0	0	0	1	
29	2	0	1	0	0	2	6	0	5	3	2	3	2	
30	2	0	3	3	0	2	2	0	2	3	3	1	2	
MEAN	2	3	2	2	2	2	2	3	2	2	1	2	2.1	

PERCENTAGE OF DATA VALID - 96.9

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEW5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - SW NO 12032 MORTON DOCK BEDFORD/OJIBWAY WINDSOR													
MONTH - SEP 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	3	6	4	2	2	6	0	1	4	3
2	1	0	0	2	3	2	3	2	0	1	2	5	2
3	2	3	3	0	0	1	2	0	0	0	1	0	1
4	2	0	2	0	1	2	2	1	2	2	1	2	1
5	2	2	2	2	2	2	3	2	2	0	1	2	2
6	3	2	0	0	2	2	0	3	2	0	3	1	1
7	1	1	0	1	0	0	3	1	0	1	2	1	1
8	3	2	0	2	3	4	3	1	2	2	2	1	3
9	2	0	6	7	2	2	0	2	6	3	1	4	2
10	2	0	3	2	2	2	0	2	6	3	1	4	2
11	2	6	5	5	7	5	0	2	0	2	2	0	3
12	0	3	3	2	2	2	0	1	2	2	1	0	2
13	0	2	3	1	2	2	2	0	3	2	1	3	2
14	2	4	4	2	4	2	2	1	1	4	6	3	3
15	1	0	5	2	0	2	1	2	3	1	2	2	2
16	3	2	1	2	1	0	1	3	0	2	2	2	2
17	3	4	3	2	4	1	0	2	0	2	0	2	2
18	0	2	0	3	0	3	1	1	0	4	0	0	1
19	2	1	0	1	3	4	2	1	2	5	2	0	2
20	2	2	3	0	2	0	1	2	1	2	5	3	2
21	3	1	3	3	3	5	2	2	2	3	0	0	2
22	2	2	3	2	2	2	2	2	1	2	2	3	2
23	2	0	3	2	2	1	7	3	2	0	2	2	2
24	4	0	2	3	4	3	2	4	3	0	2	1	2
25	2	0	2	1	0	3	3	1	1	2	0	2	2
26	3	2	0	1	0	***	0	0	1	0	2	0	1
27	2	1	2	3	5	4	3	0	3	2	0	2	2
28	2	1	2	4	6	5	4	4	6	2	2	3	3
29	2	5	9	12	12	6	0	2	0	3	2	1	5
30	2	3	6	3	3	4	5	5	13	3	3	0	4
MEAN	2	2	3	2	3	3	2	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - SW NO 12032 MORTON DOCK BEDFORD/OJIBWAY WINDSOR													
MONTH - OCT 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	0	0	1	0	0	3	0	0	2	1
2	0	6	4	5	0	5	0	6	2	4	8	5	4
3	4	9	8	5	5	6	4	6	4	3	3	6	5
4	2	3	4	10	7	0	2	1	2	2	6	8	4
5	5	2	3	2	3	2	3	3	2	7	2	1	3
6	***	***	***	***	***	***	3	10	8	10	0	1	*****
7	0	0	4	2	3	6	0	2	7	2	3	0	2
8	0	0	5	3	1	0	3	0	3	9	0	0	2
9	2	0	4	1	2	0	2	0	2	1	2	0	1
10	4	3	0	5	0	2	0	3	2	0	2	0	2
11	0	8	3	0	1	6	8	***	5	1	3	0	3
12	0	3	0	11	0	3	0	0	2	0	2	7	2
13	2	7	3	15	9	0	5	8	3	0	3	5	5
14	5	5	15	21	9	3	0	4	3	2	6	2	6
15	4	2	1	7	8	13	7	5	2	4	0	11	5
16	9	7	7	0	5	5	5	5	8	3	4	0	5
17	7	2	3	7	7	2	2	2	7	0	5	2	4
18	0	0	2	1	9	2	5	0	0	2	5	3	2
19	3	5	3	11	9	7	5	3	7	2	13	7	6
20	8	11	3	15	11	4	0	2	0	3	3	3	5
21	5	0	3	3	4	6	3	0	2	2	2	3	3
22	2	2	6	5	5	2	2	0	5	2	3	1	3
23	0	4	0	0	0	1	0	3	1	0	2	0	1
24	0	3	3	0	3	5	0	7	2	7	4	4	3
25	4	4	6	4	6	2	0	5	3	3	5	0	4
26	5	3	1	1	5	7	5	5	9	3	3	9	6
27	4	9	7	11	5	5	6	0	0	7	8	11	6
28	1	6	6	1	2	8	3	5	0	3	6	3	4
29	0	2	2	2	7	5	5	0	1	7	4	5	3
30	2	4	4	3	3	0	0	3	4	2	0	5	3
31	0	0	0	2	3	4	2	0	3	2	0	6	2
MEAN	3	4	4	5	4	4	3	3	3	3	3	4	3.5

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12032 MORTON DOCK BEDFORD/OJIBWAY WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.6	4	15
FEB	28	2.6	4	10
MAR	31	2.3	4	13
APR	30	2.4	6	16
MAY	29	2.8	5	15
JUN	30	2.1	4	13
JUL	25	2.4	4	8
AUG	22	2.2	5	14
SEP	30	2.1	5	13
OCT	30	3.5	6	21
NOV	30	2.7	5	15
DEC	30	2.3	4	10
YEAR	346	2.5	6	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12032 MORTON DOCK BEDFORD/OJIBWAY WINDSOR

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	321	46	1	0	0	0	0	368
FEB	281	52	0	0	0	0	0	333
MAR	320	47	2	0	0	0	0	369
APR	292	65	0	1	0	0	0	358
MAY	287	63	7	0	0	0	0	357
JUN	291	55	3	0	0	0	0	349
JUL	267	38	0	0	0	0	0	305
AUG	244	21	4	0	0	0	0	269
SEP	329	27	3	0	0	0	0	359
OCT	245	107	12	0	1	0	0	365
NOV	287	68	4	0	0	0	0	359
DEC	320	43	0	0	0	0	0	363
YEAR	3484	632	36	1	1	0	0	4154

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
94.8	0	0.0	0.9	1.7	2.6	4.9	6.3	8.1	9.7	21	2.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON													MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	0	0	3	3	0	3	0	2	1	2	1	1	1
2	1	0	2	0	2	1	1	3	2	***	***	***	1	1
3							- DATA INVALID -							
4							- DATA INVALID -							
5							- DATA INVALID -							
6	****	****	****	****	****	****	****	2	8	4	8	5	*****	
7	5	6	8	3	2	0	2	2	2	6	1	2	3	3
8	2	1	5	4	4	6	2	0	2	3	4	3	3	3
9	4	1	2	2	1	2	2	0	3	3	3	2	2	2
10	3	1	3	2	2	5	5	2	3	0	2	2	3	3
11	1	2	2	2	1	0	4	3	4	3	8	2	3	3
12	3	2	6	3	3	6	0	2	2	6	2	4	3	3
13	3	4	4	7	6	7	4	5	4	4	6	6	5	5
14	5	5	5	4	9	6	5	3	4	5	4	4	5	5
15	2	2	3	3	3	8	2	2	4	1	2	2	3	3
16	2	4	1	2	2	2	1	1	3	2	1	2	2	2
17	2	3	2	3	4	4	4	6	6	1	2	2	3	3
18	2	2	2	4	9	1	2	0	5	1	2	2	3	3
19	3	2	1	0	3	0	0	0	2	2	0	2	1	1
20	2	0	4	2	6	4	6	4	8	4	6	4	4	4
21	4	3	6	3	3	3	2	0	2	0	0	3	2	2
22	0	0	2	0	0	2	1	2	2	3	0	0	1	1
23	4	3	5	2	2	4	2	5	4	4	5	2	4	4
24	2	3	6	4	2	7	6	5	2	3	2	6	4	4
25	4	4	10	2	4	4	2	2	0	2	2	1	3	3
26	2	1	5	0	4	2	1	2	6	3	1	0	2	2
27	2	3	1	2	2	3	2	3	1	3	3	5	3	3
28	4	1	2	2	2	3	1	2	1	3	2	3	2	2
29	3	1	0	2	2	3	3	4	2	2	4	4	3	3
30	2	4	2	4	2	3	3	2	2	3	3	2	3	3
31	2	3	1	4	4	2	6	1	2	1	2	1	2	2
MEAN	3	2	3	3	3	3	3	2	3	3	3	3	2.8	

PERCENTAGE OF DATA VALID - 87.6 PERCENTAGE OF DATA INVALID - 12.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON													MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	1	0	4	2	2	3	2	0	2	3	2	2
2	5	1	1	1	3	1	0	2	2	2	2	2	2	2
3	2	7	3	0	2	4	3	0	3	0	0	0	2	2
4	3	1	2	2	0	3	1	2	4	0	0	4	2	2
5	0	0	0	3	0	0	0	2	2	0	0	1	1	1
6	3	3	0	0	1	0	3	3	2	0	0	2	1	1
7	4	2	1	0	0	1	3	2	0	2	1	5	2	2
8	0	2	4	3	5	8	13	6	2	3	4	1	4	4
9	2	2	2	3	3	2	7	0	3	3	4	7	3	3
10	2	6	7	3	4	6	11	8	4	7	4	9	6	6
11	6	3	4	3	8	****	4	2	2	2	0	0	3	3
12	3	2	0	7	2	7	4	3	3	8	4	3	4	4
13	0	2	0	0	2	0	0	0	2	1	0	0	1	1
14	0	3	0	1	2	0	3	0	1	0	3	1	1	1
15	4	0	0	2	0	2	0	3	1	0	2	3	1	1
16	0	4	2	3	2	0	2	1	2	0	3	3	2	2
17	2	2	2	5	5	2	3	3	0	2	4	6	3	3
18	3	6	2	5	7	2	4	6	5	6	3	2	4	4
19	5	0	2	1	3	2	0	2	0	3	0	2	2	2
20	2	1	0	3	1	2	0	2	0	2	2	2	1	1
21	0	3	2	1	0	2	0	2	2	2	3	1	2	2
22	4	2	3	3	3	3	3	1	5	3	4	3	3	3
23	2	3	4	2	1	1	2	0	4	5	1	2	2	2
24	1	2	4	2	1	3	2	2	0	3	2	0	2	2
25	3	2	0	0	1	3	1	0	3	3	0	2	2	2
26	0	0	1	0	0	3	2	0	4	2	3	2	1	1
27	1	1	2	0	3	3	2	0	1	5	0	0	2	2
28	0	2	0	5	3	5	0	0	1	0	0	3	2	2
MEAN	2	2	2	2	2	2	3	2	2	2	2	3	2.2	

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON													MONTH - MAR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	3	0	3	0	0	2	0	2	2	3	2	
2	0	2	2	1	0	2	0	5	2	3	0	0	1	
3	2	7	5	4	3	2	6	1	0	3	1	0	3	
4	3	1	5	0	2	4	2	2	0	5	0	1	2	
5	2	0	2	0	0	1	2	0	0	4	0	1	1	
6	3	2	1	3	2	0	2	2	1	0	2	2	2	
7	3	0	0	5	0	2	1	0	2	0	2	1	1	
8	1	3	1	2	0	0	2	2	4	0	2	5	2	
9	0	3	1	0	3	1	1	1	3	2	0	2	1	
10	0	3	2	2	0	3	4	3	2	4	11	4	3	
11	5	7	9	8	9	2	2	4	4	9	2	9	6	
12	3	7	3	2	2	5	2	0	2	0	3	0	2	
13	3	0	1	2	0	3	2	0	0	0	2	6	2	
14	2	2	3	***	0	2	0	5	0	3	6	5	3	
15	8	4	7	6	3	1	5	0	7	3	6	6	4	
16	0	0	5	0	3	2	2	0	0	0	0	2	1	
17	2	0	0	0	1	1	2	0	2	2	7	2	2	
18	3	3	2	2	3	2	5	0	2	0	2	2	2	
19	3	0	2	3	1	2	2	0	0	2	0	2	1	
20	5	2	3	3	0	2	2	2	5	0	3	0	2	
21	3	7	0	7	0	2	3	2	2	0	3	2	3	
22	3	2	0	6	4	0	2	0	1	3	0	2	2	
23	0	2	0	0	0	2	2	0	2	0	0	0	1	
24	0	2	2	3	2	0	2	2	2	0	2	0	1	
25	2	0	2	0	2	0	0	5	0	3	0	4	2	
26	0	2	0	2	2	2	0	2	0	3	4	2	2	
27	3	0	0	2	5	2	3	2	2	3	5	5	3	
28	5	5	2	3	0	2	3	2	3	3	2	2	3	
29	5	2	3	2	0	2	0	3	2	2	2	8	3	
30	3	5	0	3	2	0	0	1	0	5	2	0	2	
31	3	0	2	2	0	****	3	0	5	2	0	3	2	
MEAN	2	2	2	2	2	2	2	2	2	2	2	3	2.1	

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON													MONTH - APR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	5	7	0	2	0	2	2	4	0	5	2	
2	2	2	4	2	0	2	3	4	1	1	3	0	2	
3	2	0	0	2	2	0	2	3	3	0	5	2	2	
4	2	3	3	0	3	0	5	2	2	3	0	2	2	
5	2	3	0	2	0	2	0	2	5	0	1	4	2	
6	4	0	2	2	0	0	5	2	0	0	1	2	2	
7	0	3	4	0	0	5	2	0	2	0	5	3	3	
8	0	2	0	2	5	0	1	0	2	0	3	2	1	
9	2	0	2	2	2	2	0	3	1	2	0	3	2	
10	0	3	0	2	5	2	2	3	3	3	2	3	2	
11	2	4	2	4	0	2	0	5	1	4	1	5	3	
12	0	2	0	4	0	3	2	0	3	3	3	3	2	
13	7	3	10	2	2	0	2	0	5	2	2	0	3	
14	2	3	0	3	3	2	0	2	1	0	0	4	2	
15	3	2	6	2	5	0	0	2	2	3	3	5	3	
16	2	5	2	3	0	0	2	2	0	2	2	13	3	
17	9	3	9	3	1	0	1	0	5	0	4	0	3	
18	2	2	3	3	3	2	2	0	1	2	3	5	2	
19	4	2	0	6	7	8	4	7	7	4	6	10	5	
20	9	4	12	5	4	5	3	0	4	3	3	3	5	
21	0	3	4	5	6	2	2	4	5	5	2	0	3	
22	2	3	0	0	2	2	0	3	3	3	0	0	1	
23	2	0	0	0	1	0	0	2	0	2	0	0	1	
24	6	0	0	3	3	0	2	0	0	4	0	0	2	
25	5	0	1	0	***	1	2	3	0	2	0	3	2	
26	0	2	2	0	0	2	4	2	0	2	0	5	2	
27	0	3	2	3	3	1	2	2	2	2	5	2	2	
28	4	1	0	0	3	0	1	0	0	0	2	0	1	
29	0	0	5	2	2	2	0	2	2	0	0	1	1	
30	2	2	5	0	3	0	5	2	2	1	3	2	2	
MEAN	3	2	3	2	2	2	2	2	2	2	2	3	2.2	

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - SW NO 15003 362 DUNDAS ST LONDON													
MONTH - MAY 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	3	0	3	0	3	3	4	2	2	2	2	2
2	3	2	0	1	2	0	0	3	0	2	2	2	1
3	3	0	2	1	3	2	0	4	2	2	5	2	2
4	2	1	2	5	2	2	0	7	2	2	2	0	2
5	3	5	4	0	2	3	2	2	4	2	4	3	3
6	2	3	2	3	0	2	1	2	1	3	3	0	2
7	2	0	0	0	1	2	0	0	2	0	0	1	1
8	2	1	4	1	2	0	0	1	0	2	0	2	1
9	0	0	0	1	0	1	2	0	2	0	0	4	1
10	0	2	0	0	0	0	2	1	2	0	3	2	1
11	0	0	5	3	0	0	1	0	2	2	1	1	1
12	3	0	4	3	4	0	2	***	2	0	2	1	2
13	2	2	3	2	2	2	3	2	0	2	2	1	2
14	2	0	2	2	0	0	0	0	0	1	0	1	1
15	2	2	1	2	0	0	0	0	2	0	2	0	1
16	2	3	5	7	2	2	0	2	3	0	2	0	3
17	0	5	2	0	3	0	2	2	0	2	0	2	2
18	0	4	1	3	2	2	1	0	3	0	2	0	2
19	0	2	0	2	2	2	0	2	2	0	2	2	1
20	2	1	2	3	2	2	0	5	0	0	0	2	2
21	2	2	3	2	2	0	2	0	2	2	2	0	2
22	2	3	2	0	3	0	2	2	2	0	0	3	2
23	2	2	3	2	2	3	0	2	0	0	3	1	2
24	1	1	2	0	1	2	0	0	5	1	3	0	1
25	0	0	4	0	2	0	2	2	0	2	0	2	1
26	0	2	0	2	2	0	2	2	0	0	0	3	1
27	2	2	3	4	0	0	0	2	0	2	0	1	1
28	2	0	2	3	2	1	5	0	0	3	0	1	2
29	0	2	0	1	1	3	0	0	0	2	0	0	1
30	0	1	0	2	2	0	***	0	0	0	2	2	1
31	2	0	2	3	5	0	1	2	2	0	0	0	1
MEAN	1	2	2	2	2	1	1	2	1	1	1	1	1.5

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - SW NO 15003 362 DUNDAS ST LONDON													
MONTH - JUN 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	0	0	2	0	2	1	2	0	0	0	1
2	0	2	0	0	1	1	0	1	0	0	0	2	1
3	0	1	0	0	2	0	2	3	3	2	0	2	1
4	2	2	2	2	1	2	3	0	3	3	3	1	2
5	1	2	0	0	2	2	0	1	2	2	1	1	1
6	0	3	3	0	2	0	2	0	0	2	0	1	1
7	0	0	1	0	0	0	0	2	0	1	1	0	0
8	0	2	2	0	2	0	2	2	2	5	0	2	2
9	2	1	0	0	0	0	1	0	0	0	3	0	1
10	0	0	3	0	0	2	2	0	2	***	-	-	1
11													
12													
13	-	-	-	-	****	2	-	0	0	2	2	0	*****
14	0	2	0	1	0	0	1	2	0	0	0	0	1
15	1	2	0	2	0	3	0	0	2	1	2	3	1
16	2	2	3	4	0	3	0	2	0	4	2	2	2
17	1	2	3	2	3	2	2	2	0	2	1	1	2
18	2	3	0	2	3	2	5	0	0	2	2	2	2
19	0	3	2	0	0	0	3	0	2	0	0	2	1
20	0	0	3	2	0	3	0	0	1	2	2	0	1
21	3	0	3	2	0	2	0	1	0	2	1	2	1
22	2	2	0	2	2	0	2	0	0	2	0	3	1
23	3	1	2	5	2	2	0	0	2	2	0	3	2
24	2	0	5	2	3	2	1	4	3	2	4	2	3
25	3	5	0	2	1	3	2	2	0	2	0	0	2
26	0	2	5	1	0	2	1	1	0	2	2	2	1
27	2	2	5	2	2	3	2	1	3	2	3	0	2
28	2	1	5	5	2	1	2	2	2	2	1	1	2
29	2	2	1	2	2	2	2	2	2	0	2	1	2
30	2	2	5	1	3	2	0	2	2	2	2	3	2
31													
MEAN	1	2	2	1	1	1	1	1	1	2	1	1	1.4

PERCENTAGE OF DATA VALID - 91.1

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 8.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON													MONTH - JUL 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	1	2	0	2	0	0	0	1	0	2	1	
2	0	1	0	0	0	1	0	2	3	2	3	2	1	
3	2	0	1	0	2	1	2	2	0	0	2	2	1	
4	0	0	2	5	***	-	3	2	4	4	1	3	2	
5	2	2	2	2	0	0	0	3	0	2	0	2	1	
6	2	4	3	6	3	4	5	2	0	3	0	2	3	
7	0	2	3	2	4	0	2	2	2	3	2	0	2	
8	0	0	2	0	0	2	0	3	2	0	4	3	1	
9	0	1	2	0	0	0	5	0	0	0	3	0	1	
10	0	3	3	2	0	0	2	0	3	0	2	0	1	
11	0	2	3	2	2	2	5	5	0	0	3	4	2	
12	0	2	2	3	0	5	2	2	0	2	0	2	2	
13	0	3	2	2	0	0	2	0	2	3	2	2	2	
14	5	0	3	2	3	0	0	3	0	2	0	2	2	
15	0	0	3	4	5	3	0	3	2	0	3	0	2	
16	3	1	3	3	2	3	1	3	0	4	1	0	2	
17	0	0	2	2	2	0	3	0	2	0	2	4	1	
18	0	0	4	2	5	0	2	1	4	1	2	2	2	
19	1	2	0	4	4	3	2	2	1	2	4	3	2	
20	0	2	2	3	2	1	1	2	2	0	2	2	2	
21	6	2	1	0	0	0	2	0	4	0	4	1	2	
22	0	1	0	2	3	0	0	3	0	0	0	0	1	
23	1	1	1	2	0	2	0	0	0	1	1	2	1	
24	2	3	0	2	1	3	0	2	0	2	2	0	1	
25	1	1	1	7	0	0	0	0	2	0	0	0	1	
26	0	1	1	0	0	2	0	2	0	0	1	0	1	
27	1	0	0	3	0	0	0	0	0	2	1	4	1	
28	2	1	1	2	1	2	1	0	1	1	2	1	1	
29	4	2	1	2	2	2	0	0	2	0	0	0	1	
30	3	0	2	0	0	1	0	0	2	0	0	-	1	
31	- DATA UNAVAILABLE -													
MEAN	1	1	2	2	1	1	1	1	1	1	2	2	1.5	

PERCENTAGE OF DATA VALID - 96.0

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 3.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEW THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON													MONTH - AUG 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	- DATA UNAVAILABLE -													
2	- DATA UNAVAILABLE -													
3	- DATA UNAVAILABLE -													
4	- DATA UNAVAILABLE -													
5	- DATA UNAVAILABLE -													
6	- DATA UNAVAILABLE -													
7	- DATA UNAVAILABLE -													
8	- DATA UNAVAILABLE -													
9	- DATA UNAVAILABLE -													
10	- DATA UNAVAILABLE -													
11	- DATA UNAVAILABLE -													
12	- DATA UNAVAILABLE -													
13	- DATA UNAVAILABLE -													
14	- DATA UNAVAILABLE -													
15	- DATA UNAVAILABLE -													
16	- DATA UNAVAILABLE -													
17	- DATA UNAVAILABLE -													
18	- DATA UNAVAILABLE -													
19	- DATA UNAVAILABLE -													
20	- DATA UNAVAILABLE -													
21	- DATA UNAVAILABLE -													
22	-	-	-	-	-	-	-	1	1	3	1	4	*****	
23	1	0	2	2	0	1	1	1	0	3	2	0	1	
24	2	0	1	0	2	0	2	2	0	2	1	0	1	
25	2	2	2	2	2	2	2	0	3	4	4	2	2	
26	2	4	1	5	5	0	2	2	5	3	5	3	3	
27	0	3	4	3	5	2	5	5	0	6	1	3	3	
28	0	5	2	4	3	3	2	0	0	3	5	4	3	
29	0	2	0	3	1	1	2	0	2	0	2	0	1	
30	1	0	2	5	1	0	5	2	2	1	1	0	2	
31	0	4	4	9	3	2	2	2	0	4	2	2	3	
MEAN	1	2	2	4	2	1	3	2	1	3	2	2	2.1	

PERCENTAGE OF DATA VALID - 30.4

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 69.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEW THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON													MONTH - SEP 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	0	5	2	3	4	2	1	3	1	2	2	
2	2	2	1	2	6	2	2	2	2	3	1	2	2	
3	3	2	3	2	0	2	3	1	0	2	0	1	2	
4	0	2	0	2	1	2	1	3	0	2	2	3	2	
5	2	2	1	0	2	0	2	3	2	3	2	0	2	
6	2	2	0	4	0	2	0	4	0	2	2	2	2	
7	2	3	1	6	3	2	2	1	2	1	4	1	2	
8	2	0	2	2	5	2	0	2	1	2	3	1	2	
9	0	2	4	3	2	7	3	2	3	3	5	0	3	
10	2	2	0	4	2	2	2	0	0	2	0	0	1	
11	4	2	2	1	2	0	2	1	0	0	2	5	2	
12	4	5	3	3	5	0	0	2	4	2	2	2	3	
13	2	2	0	4	5	2	6	1	2	0	2	1	2	
14	1	2	1	2	0	1	2	0	0	2	0	1	1	
15	2	2	2	3	0	2	3	2	0	2	0	0	2	
16	3	2	2	8	3	0	2	3	7	0	3	0	2	
17	3	1	2	5	3	3	5	2	2	3	1	5	3	
18	3	2	3	3	2	2	2	2	2	0	4	0	3	
19	0	2	1	5	2	3	1	1	5	4	3	3	3	
20	2	2	0	2	0	5	0	3	0	2	1	0	1	
21	0	2	1	3	2	3	0	0	3	3	3	0	2	
22	3	0	2	2	0	0	2	5	0	3	3	4	2	
23	0	3	2	2	0	2	2	0	2	3	0	0	1	
24	2	2	3	2	2	0	2	6	0	0	2	2	2	
25	3	0	4	0	3	3	2	0	2	3	2	1	2	
26	2	3	2	2	0	3	0	0	2	2	2	3	2	
27	0	0	0	3	2	2	2	2	2	5	0	3	2	
28	0	0	3	0	3	0	2	1	3	0	3	3	2	
29	2	5	11	13	8	3	5	2	2	5	0	3	5	
30	1	2	0	6	5	****	6	7	2	7	3	2	4	
MEAN	2	2	2	3	2	2	2	2	2	2	2	2	2.1	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON													MONTH - OCT 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	0	3	1	2	0	2	2	0	2	5	0	2	
2	0	1	0	0	0	0	2	0	3	0	2	0	1	
3	0	0	3	0	1	0	3	0	0	2	0	2	1	
4	2	2	0	3	3	0	2	0	3	2	3	3	2	
5	2	9	3	3	4	6	2	2	3	2	3	0	3	
6	2	0	3	3	2	0	0	2	1	0	3	0	3	
7	5	2	1	7	2	3	0	0	1	0	2	0	1	
8	1	2	2	0	1	0	0	3	1	2	5	0	1	
9	5	3	3	0	0	2	3	0	3	0	3	2	2	
10	0	3	0	0	4	0	3	2	0	5	2	2	2	
11	0	4	2	3	0	3	2	2	2	1	3	3	2	
12	1	0	2	0	0	3	1	3	3	2	2	1	2	
13	2	0	1	0	2	0	2	0	0	2	6	3	2	
14	3	5	5	8	5	0	5	3	0	3	3	8	4	
15	7	14	13	13	7	5	3	3	8	4	0	3	7	
16	0	2	3	2	0	1	2	0	2	0	4	0	1	
17	0	2	2	2	2	2	3	0	3	2	5	0	2	
18	5	0	5	7	0	6	2	3	0	5	3	2	3	
19	3	2	5	5	7	2	0	4	0	2	2	3	3	
20	0	1	5	0	3	0	2	1	2	2	7	3	2	
21	3	4	5	8	4	3	3	3	3	2	3	2	4	
22	4	5	2	0	1	2	1	3	0	2	0	3	2	
23	0	2	0	0	5	0	2	0	5	0	3	0	1	
24	3	0	4	2	7	2	2	7	5	7	9	3	4	
25	9	3	2	9	9	6	5	3	6	7	5	3	6	
26	3	3	2	3	2	2	1	6	2	2	3	13	4	
27	9	5	9	9	7	5	3	3	2	6	3	1	5	
28	2	1	2	6	2	0	1	0	2	5	7	4	3	
29	2	7	0	2	1	2	3	0	1	0	6	2	2	
30	0	2	2	1	2	0	0	2	2	1	2	2	1	
31	2	6	0	0	3	2	4	0	2	1	1	2	2	
MEAN	3	3	3	3	3	2	2	2	2	2	3	2	2.5	

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES		UNITS - 0.1 COHS/1000 FT											
STATION - SW NO 15003 362 DUNDAS ST LONDON		MONTH - NOV 77											
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	5	2	5	4	1	8	2	2	5	1	3
2	2	0	2	4	2	2	2	3	7	2	2	3	3
3	2	1	3	3	2	2	2	3	2	5	0	3	2
4	4	3	1	3	4	4	0	3	2	0	0	0	2
5	2	0	2	0	2	2	1	4	0	2	2	2	2
6	3	1	0	2	2	3	2	3	3	2	2	0	2
7	3	3	3	2	3	0	0	2	3	3	0	2	2
8	1	5	2	0	5	5	5	3	3	5	1	2	3
9	2	1	3	2	5	5	5	9	6	2	4	6	4
10	5	2	4	1	1	2	2	2	0	2	0	0	2
11	2	4	2	3	1	2	0	2	0	2	2	3	2
12	2	2	0	2	3	0	4	0	0	2	1	0	1
13	2	2	0	0	2	2	2	1	0	2	3	1	1
14	4	2	2	6	4	2	2	3	5	5	3	2	3
15	4	2	3	6	5	7	4	3	2	3	3	2	4
16	5	4	3	2	3	4	5	2	3	0	7	10	4
17	0	4	0	5	4	5	3	2	1	0	2	3	2
18	2	0	2	0	3	5	2	0	2	1	0	3	2
19	2	0	4	0	0	0	0	5	0	2	6	2	2
20	2	0	2	0	3	0	2	5	5	0	0	0	2
21	3	2	4	3	1	3	2	2	0	2	2	2	2
22	2	0	2	0	5	0	3	5	0	2	2	3	2
23	0	5	2	2	2	0	2	4	4	0	3	8	3
24	2	0	3	2	2	2	0	***	4	0	1	5	2
25	2	2	0	2	1	2	0	5	3	3	2	2	2
26	0	2	0	2	0	3	2	5	2	2	2	1	2
27	8	2	1	2	2	5	2	2	1	2	2	3	3
28	2	2	2	2	5	2	9	2	3	5	0	2	3
29	3	2	0	3	5	5	2	2	4	4	5	2	3
30	3	0	4	2	3	4	5	6	2	3	2	4	3
MEAN	2	2	2	2	3	3	2	3	2	2	2	3	2.4

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".*" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES		UNITS - 0.1 COHS/1000 FT											
STATION - SW NO 15003 362 DUNDAS ST LONDON		MONTH - DEC 77											
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	4	2	1	2	3	0	2	2	2	0	0	2
2	0	1	3	0	3	0	3	0	3	0	3	0	1
3	3	0	7	0	0	0	2	2	2	3	0	0	1
4	0	3	7	0	0	2	2	4	2	0	2	2	2
5	0	1	3	0	2	3	3	2	4	2	2	0	2
6	3	0	0	0	3	0	3	2	0	4	2	1	2
7	2	3	7	0	2	6	3	2	0	2	3	0	3
8	3	2	3	3	3	15	6	0	6	0	7	2	4
9	6	2	6	2	11	13	13	11	4	11	4	3	7
10	6	2	0	5	3	3	2	0	5	3	3	6	3
11	3	3	5	5	1	3	2	0	5	5	8	2	4
12	-	-	-	-	-	***	2	0	0	6	1	2	*****
13	0	5	3	5	3	3	5	4	5	2	6	3	4
14	4	0	2	7	11	2	6	2	10	2	2	2	4
15	0	2	1	0	1	4	0	3	4	0	2	0	1
16	4	2	4	2	5	8	5	0	0	0	2	2	3
17	0	3	2	0	2	0	2	1	2	2	5	2	1
18	2	0	6	0	0	2	0	2	7	5	4	2	3
19	2	0	1	4	2	5	6	3	6	4	4	2	3
20	2	5	0	1	3	2	1	1	4	1	2	1	2
21	0	0	1	0	2	5	0	1	4	2	2	2	2
22	0	2	2	4	1	2	5	1	4	2	3	0	2
23	2	2	1	2	1	1	4	2	3	5	2	3	2
24	10	2	2	0	2	3	1	5	4	2	2	0	3
25	2	0	2	2	0	5	1	2	0	0	3	1	3
26	0	3	0	0	0	0	2	3	6	0	5	2	2
27	2	0	0	2	0	3	2	1	2	3	1	1	1
28	0	0	2	3	2	2	1	2	0	3	1	3	2
29	3	2	1	0	3	1	3	0	4	4	0	1	2
30	5	3	4	4	3	6	2	2	6	0	0	2	3
31	4	0	2	4	2	0	4	5	2	0	4	0	2
MEAN	2	2	2	2	2	3	3	2	3	2	3	1	2.4

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".*" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 21006 POST OFFICE BRANTFORD													MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	1	2	2	0	0	2	6	0	0	3	1	
2	0	2	3	0	3	3	6	8	2	2	1	4	3	
3	4	6	4	2	1	6	2	6	3	3	10	9	5	
4	1	3	3	4	5	1	2	4	4	5	1	4	3	
5	2	12	9	8	3	2	7	6	8	10	9	6	7	
6	8	8	9	4	3	0	4	5	7	9	4	13	6	
7	5	10	4	4	2	2	2	2	3	3	1	4	4	
8	5	0	6	2	3	4	1	6	8	1	2	6	4	
9	5	0	1	0	2	4	0	4	2	4	1	3	2	
10	2	3	0	4	3	4	3	6	2	2	4	0	3	
11	6	1	2	3	1	0	0	1	2	8	8	6	3	
12	6	0	9	7	0	0	4	2	5	2	0	4	3	
13	1	4	1	3	5	8	5	2	8	5	6	8	5	
14	3	11	6	5	8	5	9	5	3	2	7	4	6	
15	9	8	2	4	2	3	6	2	2	2	1	0	4	
16	3	1	2	2	2	0	2	0	2	4	4	0	2	
17	4	0	1	2	3	2	5	6	3	5	4	2	3	
18	0	1	1	2	7	7	0	2	1	0	0	0	2	
19	4	2	0	3	0	1	3	2	0	0	2	2	2	
20	0	4	3	2	1	8	9	2	10	2	5	7	4	
21	10	6	3	2	2	3	0	2	2	0	3	4	3	
22	0	2	2	2	5	0	0	2	0	1	2	2	2	
23	2	2	2	4	7	2	5	7	2	2	5	9	4	
24	8	9	8	9	4	****	8	12	3	6	2	11	7	
25	2	13	3	9	9	14	2	0	2	0	2	3	5	
26	2	1	0	4	6	5	6	2	8	4	2	2	4	
27	4	0	0	0	2	4	1	1	4	0	6	9	3	
28	2	5	5	5	2	4	2	6	3	0	0	0	3	
29	3	3	4	2	2	5	7	1	4	2	2	0	3	
30	2	2	0	1	6	0	0	1	6	0	3	1	2	
31	1	8	1	3	0	3	8	0	5	0	5	2	3	
MEAN	3	4	3	3	3	3	4	3	4	3	3	4	3.5	

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LEW5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 21006 POST OFFICE BRANTFORD													MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	4	3	2	3	2	3	2	5	4	7	0	3	
2	4	0	2	1	1	3	5	4	6	6	3	5	3	
3	5	2	7	8	****	****	2	0	4	5	0	4	4	
4	2	3	2	5	4	2	5	5	10	2	0	0	3	
5	0	0	0	4	5	2	0	0	5	2	0	2	2	
6	0	1	0	0	3	3	2	0	0	2	0	0	1	
7	0	1	2	0	5	0	0	4	3	1	0	4	2	
8	5	3	1	2	2	9	7	5	5	8	6	5	5	
9	3	5	8	8	7	6	3	5	6	4	4	1	5	
10	1	2	0	2	5	0	7	4	0	2	0	1	2	
11	0	6	3	0	0	3	0	0	3	1	****	****	2	
12	****	2	0	2	8	0	1	3	2	9	7	0	3	
13	2	7	7	5	5	5	1	4	2	2	4	4	4	
14	5	2	1	3	2	1	1	7	1	3	6	3	3	
15	5	5	2	0	1	2	5	0	5	2	3	4	3	
16	0	0	0	0	2	****	3	2	0	2	0	4	1	
17	2	0	0	5	8	0	1	1	7	3	4	5	3	
18	2	10	4	8	9	6	8	9	8	5	2	8	7	
19	5	2	4	3	1	2	0	2	0	1	5	0	2	
20	2	3	4	1	2	2	1	1	2	1	0	1	2	
21	1	2	0	0	3	0	4	2	2	7	5	4	3	
22	7	4	5	5	5	6	****	6	5	2	2	4	5	
23	2	3	3	3	2	****	****	****	****	****	****	****	*****	
24														
25														
26														
27														
28	****	****	****	****	****	****	4	6	0	5	2	2	*****	
MEAN	3	3	3	3	4	3	3	3	4	3	3	3	3.0	

PERCENTAGE OF DATA VALID - 80.1 PERCENTAGE OF DATA INVALID - 19.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LEW5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 21005 POST OFFICE BRANTFORD													MONTH - MAR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	3	1	2	3	0	2	2	3	1	5	1	2	2
2	2	0	2	2	4	3	2	2	0	3	0	0	2	1
3	2	0	2	2	2	2	0	0	2	1	2	3	1	1
4	2	3	4	2	2	****	2	5	3	1	6	4	3	3
5	2	1	2	2	2	3	2	1	1	2	1	1	2	2
6	0	1	0	2	1	3	5	2	3	1	3	2	2	2
7	2	0	1	2	2	****	2	0	2	3	1	0	1	1
8	0	3	5	3	5	2	3	4	2	8	5	7	4	4
9	8	5	5	6	6	5	5	5	4	5	4	8	6	6
10	5	3	4	2	3	3	6	3	2	6	10	6	4	4
11	11	7	9	11	3	9	5	7	3	2	2	7	6	6
12	4	4	7	2	7	1	4	3	7	4	2	0	3	3
13	2	2	0	0	3	2	2	2	0	1	1	2	1	1
14	0	3	1	2	2	3	0	2	0	2	4	3	2	2
15	2	5	6	****	****	5	3	4	2	2	4	7	4	4
16	3	1	1	0	0	2	2	0	0	0	4	0	1	1
17	4	0	4	1	1	2	0	2	0	2	0	3	2	2
18	3	2	5	1	4	2	2	3	0	2	2	2	2	2
19	2	0	2	5	4	0	2	1	0	2	1	4	2	2
20	2	0	4	2	2	3	0	2	0	1	0	2	2	2
21	2	0	3	4	2	****	2	4	2	6	4	2	3	3
22	1	4	0	2	0	0	4	2	0	0	2	0	1	1
23	1	2	2	2	3	2	1	2	0	2	2	0	2	2
24	1	2	3	0	2	0	0	0	1	0	0	0	1	1
25	1	5	4	0	3	1	0	1	3	2	4	0	2	2
26	3	0	1	2	1	0	2	0	1	2	3	2	1	1
27	2	1	1	2	0	0	2	0	5	6	2	5	2	2
28	3	2	3	0	0	2	****	4	5	2	5	2	3	3
29	3	1	4	5	2	3	0	1	0	0	0	3	2	2
30	2	5	3	3	5	1	5	0	3	1	0	2	3	3
31	0	2	2	0	1	1	1	0	0	2	0	2	1	1
MEAN	2	2	3	2	3	2	2	2	2	2	3	3	2.3	

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LEJ5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 21005 POST OFFICE BRANTFORD													MONTH - APR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1														
2														
3														
4														
5	0	0	2	2	0	1	2	0	2	2	1	0	1	1
6	2	2	1	2	2	0	2	2	0	2	2	1	2	2
7	2	0	1	1	0	2	2	1	2	2	2	4	2	2
8	0	0	0	2	5	2	0	2	0	0	2	3	1	1
9	0	2	2	0	0	0	4	0	0	2	1	2	1	1
10	2	1	5	6	2	3	3	0	2	2	4	2	3	3
11	8	7	3	1	3	2	0	3	3	1	6	2	3	3
12	0	4	4	4	3	2	4	0	3	3	6	0	3	3
13	6	2	4	2	2	6	3	3	0	2	3	1	3	3
14	1	3	4	2	3	3	2	2	0	2	2	4	2	2
15	0	2	2	2	3	0	3	1	1	2	0	5	2	2
16	2	4	3	2	2	0	2	2	1	3	2	2	2	2
17	4	0	4	5	2	0	2	2	3	0	2	3	2	2
18	3	8	8	2	2	2	0	2	2	0	2	5	3	3
19	2	14	2	8	2	6	2	3	6	3	3	8	5	5
20	8	6	4	6	3	7	5	2	0	7	2	1	4	4
21	2	0	2	2	2	2	5	1	3	2	5	0	2	2
22	4	0	2	0	2	5	0	3	0	3	0	5	2	2
23	3	0	0	0	0	1	2	2	4	0	0	2	1	1
24	3	1	1	3	0	1	3	3	2	2	1	2	2	2
25	2	2	0	2	2	1	3	3	0	0	0	3	2	2
26	3	3	2	2	4	2	4	1	2	2	1	2	2	2
27	1	2	3	2	2	5	4	2	3	3	2	3	3	3
28	0	1	0	2	1	3	2	2	0	3	0	2	1	1
29	3	2	0	4	5	1	0	0	0	3	2	1	2	2
30	2	2	2	3	5	2	2	1	2	3	7	2	3	3
MEAN	2	3	2	3	2	2	2	2	2	2	2	3	2.3	

PERCENTAGE OF DATA VALID - 88.1 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 11.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LEJ5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 21006 POST OFFICE BRANTFORD													MONTH - MAY 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	4	5	4	2	0	1	5	5	0	2	3	2	3	
2	3	1	4	0	2	1	***	1	0	1	3	2	2	
3	0	0	2	2	2	0	0	1	2	0	3	2	1	
4	1	1	2	4	2	2	0	3	2	2	2	2	2	
5	7	4	3	5	7	3	2	5	2	1	0	3	4	
6	2	3	2	2	3	3	0	1	0	1	2	0	2	
7	2	2	0	0	0	5	2	1	0	2	2	1	1	
8	3	2	2	2	2	0	1	0	2	2	2	0	2	
9	2	2	1	2	2	0	2	0	3	1	0	1	1	
10	0	2	3	2	4	0	0	0	2	0	0	2	1	
11	2	2	0	2	2	0	0	0	2	2	0	0	1	
12	2	2	0	0	2	2	3	1	0	2	0	3	1	
13	1	2	0	0	2	4	1	2	1	2	7	2	2	
14	2	0	2	0	3	***	0	0	3	0	3	3	1	
15	9	1	0	0	1	0	2	4	1	5	1	1	2	
16	1	3	3	9	5	***	5	1	4	3	3	3	4	
17	3	3	2	5	3	4	0	5	5	3	0	3	3	
18	3	9	3	0	3	2	2	0	1	2	3	2	3	
19	0	2	3	2	4	3	2	1	5	***	-	-	2	
20	-	-	-	-	-	-	2	3	2	4	5	5	*****	
21	5	5	2	7	1	2	3	0	2	0	4	2	3	
22	2	2	2	5	3	2	3	3	3	1	0	1	2	
23	1	2	2	2	0	3	3	0	2	1	3	2	2	
24	0	2	0	2	2	5	2	2	2	1	2	2	2	
25	1	0	3	3	3	2	2	3	2	2	2	2	2	
26	1	0	1	2	5	1	2	0	2	1	3	5	2	
27	9	2	5	6	3	3	5	3	0	0	3	2	4	
28	2	2	3	2	0	3	0	5	5	1	2	2	2	
29	0	0	0	3	0	2	2	0	2	0	2	2	1	
30	0	3	2	0	3	2	2	2	2	0	2	2	2	
31	2	2	3	5	3	2	5	3	5	3	3	2	3	
MEAN	2	2	2	3	2	2	2	2	2	2	2	2	2.1	

PERCENTAGE OF DATA VALID - 96.8

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COHS/1000 FT							
STATION - WC NO 21006 POST OFFICE BRANTFORD							MONTH - JUN 77							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	2	3	1	2	0	2	0	3	2	1	2	
2	1	2	2	0	***	0	0	5	0	0	4	0	1	
3	0	5	3	3	1	2	0	3	2	2	2	2	2	
4	2	0	3	2	3	0	3	0	2	3	2	1	2	
5	5	2	1	3	2	0	3	0	2	0	2	0	2	
6	1	2	1	3	0	0	2	5	2	0	2	2	2	
7	2	0	2	2	0	2	0	0	2	0	0	0	1	
8	2	0	1	0	2	1	0	0	2	0	3	0	1	
9							- DATA UNAVAILABLE -							1
10							- DATA UNAVAILABLE -							
11							- DATA UNAVAILABLE -							1
12							- DATA UNAVAILABLE -							
13							- DATA UNAVAILABLE -							1
14	-	-	-	-	-	-	1	2	1	1	3	3	*****	
15	1	0	0	3	1	0	3	1	0	0	1	1	1	
16	3	1	5	7	3	1	3	3	1	1	1	1	3	
17	4	1	1	3	3	0	1	1	0	1	0	2	1	
18	1	3	0	0	0	1	0	1	1	3	1	1	1	
19	1	0	3	3	3	0	0	0	3	0	1	3	1	
20	3	1	3	0	1	3	1	0	1	0	0	1	1	
21	1	3	1	3	1	0	1	0	3	1	***	1	1	
22	5	0	1	0	4	***	0	0	2	3	2	2	2	
23	1	2	2	0	2	2	2	0	2	0	2	4	2	
24	3	4	3	3	0	3	4	2	3	3	3	1	3	
25	1	2	2	0	2	0	2	1	0	0	2	2	1	
26	0	2	2	2	0	0	2	0	2	0	0	3	1	
27	1	1	2	0	3	1	2	2	1	2	1	0	1	
28	0	2	2	3	0	2	3	0	2	2	3	2	2	
29	0	1	0	3	0	0	2	3	0	1	2	2	1	
30	2	2	2	4	3	1	2	1	3	2	3	0	2	
MEAN	2	2	2	2	2	1	1	1	2	1	2	1	1.5	

PERCENTAGE OF DATA VALID - 80.8

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 18.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 21006 POST OFFICE BRANTFORD													MONTH - SEP 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	0	7	4	0	2	3	0	3	2	2	3	3	
2	1	0	2	0	4	2	2	2	2	0	3	0	2	
3	3	0	3	0	2	0	2	0	0	3	0	3	1	
4	0	3	0	1	0	0	2	0	4	0	3	3	1	
5	0	2	0	2	0	0	0	2	2	1	2	0	1	
6	1	3	2	2	3	0	1	0	2	3	0	5	2	
7	0	0	2	1	2	2	0	0	2	2	2	2	1	
8	0	3	2	3	0	2	2	1	2	0	5	0	2	
9	5	5	0	3	0	0	3	2	3	5	0	3	2	
10	2	0	2	2	0	2	2	0	0	0	2	0	1	
11	3	0	2	2	0	2	1	1	0	2	2	0	1	
12	0	2	3	2	2	2	0	0	2	0	3	4	2	
13	0	0	4	2	0	2	0	5	7	1	2	2	2	
14	1	0	1	3	0	0	2	0	0	2	2	3	1	
15	2	2	0	3	2	3	2	3	0	1	2	2	2	
16	0	2	7	3	2	5	1	1	2	2	0	5	3	
17	2	0	3	2	0	0	2	0	1	2	3	0	1	
18	7	0	5	0	3	0	2	3	0	2	3	2	2	
19	2	3	3	0	4	2	2	2	3	0	2	2	2	
20	0	2	0	2	0	0	0	2	0	0	2	1	1	
21	0	2	2	0	0	3	0	2	0	3	0	0	1	
22	0	2	4	2	0	2	0	0	3	5	2	1	2	
23	7	0	1	2	2	2	2	2	2	0	2	0	2	
24	0	1	2	2	0	2	0	0	0	1	4	0	1	
25	2	0	2	1	1	0	0	2	2	2	1	3	1	
26	2	2	0	0	2	1	3	0	0	2	0	2	2	
27	2	0	2	2	3	0	0	3	0	2	2	3	1	
28	0	2	0	2	3	0	2	0	0	2	2	2	2	
29	0	0	5	3	0	1	0	3	0	2	3	2	3	
30	4	0	2	7	3	7	1	2	7	0	3	2	2	
MEAN	2	1	2	2	1	1	1	1	2	2	2	2	1.6	

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LE.S THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 21006 POST OFFICE BRANTFORD													MONTH - OCT 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	2	2	2	2	0	0	0	0	0	3	1	
2	0	3	0	2	0	1	2	2	0	0	0	0	1	
3	4	2	0	2	3	0	2	0	0	2	1	2	2	
4	2	0	3	2	0	2	0	3	2	2	5	2	2	
5	2	3	3	3	3	2	2	0	2	0	2	3	2	
6	2	2	2	1	0	2	2	0	3	1	2	2	2	
7	2	0	3	2	0	3	2	2	0	3	1	0	2	
8	0	2	1	3	0	3	0	2	0	0	2	2	1	
9	2	2	3	0	3	1	0	2	1	0	0	2	1	
10	0	2	2	0	2	2	3	0	0	0	3	2	1	
11	3	0	7	0	3	2	2	2	0	2	0	0	2	
12	3	0	0	0	0	0	0	0	0	0	3	0	1	
13	2	1	0	0	3	0	1	2	2	3	2	3	2	
14	3	4	0	6	3	4	2	0	3	3	3	4	3	
15	5	0	6	3	0	2	2	3	2	2	3	1	2	
16	0	3	0	3	0	2	0	2	3	0	2	0	1	
17	3	0	0	2	0	1	0	2	0	0	0	3	1	
18	5	2	3	2	3	3	2	1	2	5	2	0	3	
19	3	2	3	2	5	6	0	3	2	3	4	3	3	
20	3	3	5	1	3	2	3	0	3	2	2	0	2	
21	4	2	2	7	5	5	0	5	0	1	4	0	3	
22	3	3	1	5	2	2	3	0	2	2	0	0	2	
23	2	0	0	2	1	3	0	3	1	2	2	0	1	
24	0	0	3	2	7	3	0	2	6	3	7	6	3	
25	5	3	10	7	12	2	3	2	3	2	7	3	5	
26	1	2	6	4	0	2	5	1	1	0	2	4	2	
27	2	1	1	3	4	5	4	3	2	3	3	2	3	
28	0	2	2	3	3	3	2	2	3	2	2	2	1	
29	3	2	0	2	2	1	0	2	0	0	2	2	1	
30	0	0	5	3	2	2	0	2	0	4	1	5	2	
31	1	2	2	2	2	2	0	2	2	2	5	0	2	
MEAN	2	2	2	2	2	2	1	2	2	2	2	2	2.0	

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LE.S THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 21006 POST OFFICE BRANTFORD

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.5	7	14
FEB	22	3.0	7	10
MAR	31	2.3	6	11
APR	26	2.3	5	14
MAY	30	2.1	4	9
JUN	24	1.5	3	7
JUL	31	1.6	3	7
AUG	27	1.5	3	8
SEP	30	1.6	3	7
OCT	31	2.0	5	12
NOV	30	2.3	5	11
DEC	31	2.2	6	12
YEAR	344	2.1	7	14

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 21006 POST OFFICE BRANTFORD

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	262	102	7	0	0	0	0	371
FEB	192	77	0	0	0	0	0	269
MAR	315	49	2	0	0	0	0	366
APR	281	34	2	0	0	0	0	317
MAY	323	37	0	0	0	0	0	360
JUN	284	7	0	0	0	0	0	291
JUL	356	15	0	0	0	0	0	371
AUG	318	9	0	0	0	0	0	327
SEP	340	20	0	0	0	0	0	360
OCT	342	29	1	0	0	0	0	372
NOV	310	48	1	0	0	0	0	359
DEC	319	50	1	0	0	0	0	370
YEAR	3642	477	14	0	0	0	0	4133

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
94.4	0	0.0	0.4	1.4	2.2	4.3	5.5	7.3	8.4	14	2.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 26001 PUBLIC UTILITY SS 65 WEBER ST S WATERLOO													MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	2	0	0	1	2	0	1	2	0	3	0	1	
2	3	0	2	1	2	2	0	10	2	10	6	4	4	
3	1	0	4	2	2	0	0	2	0	9	3	0	2	
4	3	3	0	0	5	2	0	0	5	3	4	0	2	
5	0	1	0	7	5	0	0	0	0	3	3	10	2	
6	13	10	9	3	9	8	5	1	5	6	3	6	7	
7	5	2	3	5	0	4	0	2	2	0	2	4	2	
8	1	3	1	0	3	4	5	9	2	2	2	7	3	
9	1	2	2	0	3	2	4	2	2	4	2	4	2	
10	0	2	0	1	3	2	3	2	2	0	2	1	2	
11	0	0	2	0	3	4	0	0	3	0	7	4	2	
12	2	7	0	4	2	3	3	2	3	0	3	3	3	
13	3	5	0	7	2	2	3	9	6	8	2	7	5	
14	5	10	8	9	5	7	2	6	3	7	3	7	6	
15	5	0	3	0	0	3	2	2	2	0	2	2	2	
16	3	0	0	0	2	2	4	2	1	0	1	0	1	
17	0	1	0	4	2	3	5	6	2	1	0	0	2	
18	0	2	3	4	7	2	2	1	2	0	2	2	2	
19	1	2	0	1	2	2	5	6	2	0	0	1	2	
20	3	4	2	5	0	3	2	0	8	4	7	3	3	
21	0	3	0	0	6	3	0	2	0	2	4	2	2	
22	0	2	0	2	2	0	3	0	****	-	-	-	1	
23							- DATA UNAVAILABLE -							
24	-	-	-	-	0	6	2	4	8	6	4	4	4	
25	0	0	4	3	10	6	1	3	1	0	0	0	2	
26	1	0	0	0	0	2	0	0	6	2	0	0	1	
27	2	0	5	3	11	8	2	3	1	4	2	0	3	
28	0	4	5	0	2	4	0	3	0	2	0	1	2	
29	0	0	0	1	5	2	2	3	2	4	1	1	2	
30	2	3	2	2	5	4	1	0	0	0	0	3	2	
31	2	3	0	2	2	0	2	3	4	0	0	2	2	
MEAN	2	2	2	2	3	3	2	3	3	3	2	3	2.5	

PERCENTAGE OF DATA VALID - 94.6

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 5.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LEJ5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 26001 PUBLIC UTILITY SS 65 WEBER ST S WATERLOO													MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	2	0	0	1	0	0	2	2	0	1	0	1	
2	1	0	0	0	6	4	0	0	0	4	2	3	2	
3	1	3	2	0	8	5	3	3	2	2	1	1	3	
4	0	1	2	3	3	2	2	2	1	1	2	2	2	
5	1	1	2	1	0	0	0	2	1	0	0	0	1	
6	2	2	0	2	0	1	2	0	3	2	2	1	1	
7	2	5	2	1	3	2	2	2	1	3	0	2	2	
8	2	3	3	2	4	1	3	3	5	3	4	3	3	
9	7	0	1	3	2	3	3	5	5	6	4	5	4	
10	6	3	2	6	1	1	3	6	4	11	6	10	5	
11	2	3	4	6	2	0	0	2	2	0	4	0	2	
12	0	3	0	1	2	2	0	3	4	3	3	3	2	
13	4	3	1	2	2	4	3	0	2	2	1	2	2	
14	0	0	2	2	2	7	0	4	2	2	3	0	2	
15	5	0	0	2	0	2	0	0	0	0	2	2	1	
16	2	2	1	2	2	0	0	0	3	0	2	2	1	
17	4	0	3	4	3	2	3	0	3	8	2	1	3	
18	1	1	3	5	8	5	3	2	1	3	3	3	3	
19	4	5	2	3	1	0	1	2	0	0	2	1	2	
20	5	3	0	1	1	1	1	0	0	0	2	0	1	
21	0	2	0	6	****	0	5	1	0	0	3	2	2	
22	2	9	3	2	3	2	3	3	7	3	12	7	5	
23	2	3	7	4	0	3	0	2	0	5	2	4	3	
24	3	0	3	7	5	3	5	2	7	2	0	2	3	
25	2	4	3	4	1	2	1	2	1	5	0	2	2	
26	2	0	0	0	3	3	2	0	2	0	0	0	1	
27	2	0	0	0	5	3	2	0	0	2	3	0	1	
28	0	0	0	0	2	0	0	3	0	2	2	3	1	
MEAN	2	2	2	2	3	2	2	2	2	2	3	2	2.1	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LEJ5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 26001 PUBLIC UTILITY SS 65 WEBER ST S WATERLOO													MONTH - MAR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	2	0	0	2	0	5	9	3	0	0	2	2
2	3	0	0	0	2	0	2	2	3	0	3	3	2	2
3	2	9	5	7	7	0	3	0	0	0	2	0	3	3
4	0	3	0	5	4	0	0	5	3	0	0	5	2	2
5	0	3	5	0	0	0	9	2	7	3	4	2	3	3
6	3	0	3	0	2	4	1	2	0	1	3	0	2	2
7	5	2	8	0	2	8	0	0	0	0	2	0	2	2
8	1	2	6	1	2	4	2	1	2	1	2	0	2	2
9	2	1	0	8	6	0	2	3	2	2	0	5	3	3
10	0	3	2	5	4	5	8	11	2	9	19	22	8	8
11	13	12	8	****	****	3	5	2	2	9	4	4	0	0
12	9	8	9	9	3	3	3	5	2	3	0	2	5	5
13	2	0	0	2	0	2	0	3	5	2	0	2	2	2
14	2	2	2	2	2	2	0	3	0	1	2	3	2	2
15	15	9	1	13	13	2	2	2	3	7	4	3	6	6
16	0	2	0	3	2	3	3	0	3	2	4	2	2	2
17	0	2	2	0	2	0	0	0	3	0	3	0	1	1
18	3	2	3	2	0	0	4	0	3	2	2	2	2	2
19	3	0	5	2	0	2	0	0	0	3	4	7	2	2
20	3	7	3	1	0	2	3	3	0	0	2	2	2	2
21	2	0	0	5	3	0	0	6	4	2	2	3	2	2
22	0	0	0	2	0	0	1	0	0	0	4	0	1	1
23	2	0	0	0	3	5	4	2	3	2	2	0	2	2
24	3	2	0	2	0	2	2	0	2	0	0	2	1	1
25	0	1	2	2	3	0	2	2	2	2	2	0	2	2
26	0	0	2	3	0	0	0	2	0	3	3	9	2	2
27	2	2	0	3	0	3	3	2	0	3	0	5	2	2
28	2	3	6	2	2	****	5	4	5	3	4	2	3	3
29	4	6	2	3	3	1	2	3	3	2	1	3	3	3
30	0	7	2	4	2	3	3	2	0	3	0	6	3	3
31	0	0	2	2	3	2	1	0	2	0	0	6	2	2
MEAN	3	3	3	3	2	2	2	2	2	2	3	3	2.5	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 26001 PUBLIC UTILITY SS 65 WEBER ST S WATERLOO													MONTH - APR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	4	2	3	0	3	2	2	3	1	2	1	3	2	2
2	0	0	2	3	0	3	2	3	2	2	1	2	2	2
3	0	2	2	0	2	0	2	0	2	2	2	4	2	2
4	0	0	5	0	3	****	0	2	2	2	2	0	2	2
5	0	1	3	0	1	3	4	0	2	2	2	0	2	2
6	0	0	6	2	0	1	3	0	1	1	4	0	2	2
7	3	0	3	3	2	4	5	4	2	2	3	0	3	3
8	2	0	2	0	2	0	2	0	2	0	5	2	1	1
9	2	0	2	0	2	2	0	2	3	2	7	2	2	2
10	8	9	2	5	1	6	1	5	2	0	8	5	4	4
11	3	9	7	6	2	2	0	2	2	4	1	2	3	3
12	2	5	2	1	3	0	5	0	1	2	2	5	2	2
13	1	2	1	2	5	0	2	1	1	3	0	1	2	2
14	1	0	4	1	5	1	1	0	0	0	1	7	2	2
15	3	0	3	5	3	****	0	0	1	3	1	3	2	2
16	0	0	3	3	2	2	2	0	2	0	2	3	2	2
17	3	0	6	5	0	2	2	2	0	1	4	5	3	3
18	1	3	5	3	3	2	2	2	4	3	3	9	3	3
19	2	7	4	5	5	4	5	2	2	3	6	5	4	4
20	3	2	5	6	4	1	2	0	6	1	11	1	4	4
21	0	4	4	2	2	2	2	3	2	3	1	3	2	2
22	0	2	0	4	2	****	1	4	2	0	2	0	2	2
23	1	0	0	2	0	0	4	0	0	1	0	0	1	1
24	2	0	1	0	0	0	2	1	0	0	0	3	1	1
25	0	2	1	2	0	0	3	0	4	1	2	2	1	1
26	1	2	2	4	4	2	0	2	2	2	2	3	2	2
27	1	4	3	4	2	2	1	5	0	3	1	4	3	3
28	0	1	2	0	3	2	0	2	0	0	2	0	1	1
29	1	1	2	2	2	2	0	1	0	2	2	2	1	1
30	0	3	7	3	0	2	1	2	1	2	2	3	2	2
MEAN	1	2	3	2	2	2	2	2	2	2	3	3	2.1	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 26001 PUBLIC UTILITY SS 65 WEBER ST S WATERLOO													MONTH - JUL 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	1	0	1	2	2	1	1	1	0	0	1	
2	0	1	0	0	0	0	2	0	0	2	0	2	1	
3	2	3	5	2	2	0	0	0	2	2	2	2	2	
4	2	0	0	3	2	2	0	2	2	0	2	5	2	
5	2	0	2	2	0	2	2	0	3	3	1	2	2	
6	0	3	2	3	2	3	0	2	3	0	2	3	2	
7	2	0	2	2	2	0	0	7	3	2	5	3	2	
8	5	0	5	2	3	1	2	2	3	3	2	1	2	
9	2	0	0	2	2	0	2	1	2	2	1	0	1	
10	0	0	0	2	1	0	2	0	2	0	0	3	1	
11	0	3	2	****	2	0	2	1	5	2	2	3	2	
12	1	4	2	0	7	3	0	2	3	2	2	4	2	
13	0	2	2	3	0	3	4	2	2	2	0	3	2	
14	0	2	3	3	3	0	2	1	3	2	0	0	2	
15	3	1	4	3	2	2	0	3	2	4	2	0	2	
16	3	3	0	3	3	0	2	2	1	2	2	0	2	
17	2	0	1	2	0	3	0	1	5	0	0	1	1	
18	0	0	0	3	3	2	2	0	2	2	2	0	1	
19	2	2	0	3	3	****	5	0	2	0	5	2	3	
20	0	3	5	3	3	3	3	0	2	3	3	0	2	
21	0	2	3	1	0	0	2	2	0	2	2	1	1	
22	0	2	2	0	3	0	2	2	0	2	3	0	1	
23	2	2	1	0	0	0	1	2	0	0	3	0	1	
24	1	2	0	2	5	2	0	2	2	0	2	2	2	
25	2	1	2	3	1	2	2	2	0	0	2	0	1	
26	2	2	2	0	2	0	0	0	0	2	0	0	1	
27	0	0	2	2	0	0	0	0	2	0	0	2	1	
28	0	2	5	7	2	2	2	0	2	2	2	1	2	
29	3	3	3	9	3	3	3	0	2	5	3	2	3	
30	0	2	2	2	2	0	0	2	0	3	2	0	1	
31	6	0	2	2	2	1	2	2	3	0	2	2	2	
MEAN	1	1	2	2	2	1	1	2	2	1	2	1	1.6	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 26001 PUBLIC UTILITY SS 65 WEBER ST S WATERLOO													MONTH - AUG 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	2	0	2	0	2	0	0	0	2	1	1	
2	2	2	0	1	-	2	0	5	2	0	3	5	2	
3	2	3	5	5	0	7	0	0	3	0	2	2	2	
4	2	2	3	0	0	0	4	2	2	2	2	2	2	
5	3	5	0	0	0	2	3	5	2	3	1	2	2	
6	0	0	2	0	0	2	0	2	2	3	2	0	1	
7	7	1	2	0	0	0	2	2	4	2	3	2	2	
8	2	0	0	3	2	2	0	2	1	0	2	0	1	
9	2	2	0	3	2	1	0	0	2	5	5	2	2	
10	1	0	3	5	0	2	3	2	2	2	0	3	2	
11	0	2	2	2	0	2	0	2	0	0	3	0	1	
12	2	2	2	3	3	1	0	2	0	1	2	2	2	
13	0	2	0	0	3	0	2	2	2	1	2	2	1	
14	0	2	1	0	0	0	0	0	0	0	0	3	1	
15	0	0	3	4	2	0	2	1	0	0	0	0	1	
16	2	2	2	5	3	3	2	2	3	3	2	2	3	
17	0	1	0	0	2	2	0	4	3	0	2	0	1	
18	0	2	1	0	2	0	0	0	3	0	2	0	1	
19	3	0	2	6	2	2	0	2	0	2	2	3	2	
20	0	2	1	3	2	3	3	0	0	3	2	0	2	
21	2	3	2	5	0	0	4	3	6	0	3	0	2	
22	2	2	5	0	0	2	0	1	2	2	1	4	2	
23	0	2	2	2	1	0	1	2	2	1	1	0	1	
24	1	1	1	0	****	2	2	2	0	0	2	0	1	
25	1	0	1	2	0	3	0	2	0	0	2	2	1	
26	3	5	8	5	4	0	3	3	0	1	4	2	3	
27	4	2	3	5	3	2	1	1	0	1	3	2	2	
28	2	2	2	0	2	2	5	2	0	3	0	0	2	
29	0	5	0	1	2	3	2	2	2	0	1	0	2	
30	0	2	0	2	0	0	0	0	0	3	0	5	1	
31	3	0	4	7	5	0	3	3	0	2	0	0	2	
MEAN	2	2	2	2	1	1	1	2	1	1	2	2	1.6	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 26001 PUBLIC UTILITY SS 65 WEBER ST S WATERLOO													MONTH - NOV 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	1	0	1	2	0	0	0	2	2	1	1	
2	0	1	1	3	0	2	1	3	3	0	0	3	1	
3	0	4	2	4	3	2	2	2	5	5	2	2	3	
4	2	2	2	3	0	2	2	0	3	0	0	2	2	
5	0	1	0	2	0	2	0	2	0	1	0	2	2	
6	5	0	2	0	0	0	5	0	2	0	2	3	2	
7	0	0	1	0	3	0	2	4	1	0	5	2	1	
8	0	2	0	0	0	2	2	2	0	3	0	2	2	
9	2	2	3	3	2	2	2	3	0	5	2	2	2	
10	5	2	3	5	2	0	2	2	3	1	2	2	2	
11	0	3	0	3	0	0	1	2	2	2	0	1	1	
12	2	0	0	0	1	2	0	3	0	3	2	0	1	
13	0	0	2	0	4	0	3	0	2	0	5	4	2	
14	1	3	0	3	2	0	0	2	2	2	1	5	2	
15	0	1	3	3	3	0	3	3	3	2	5	1	2	
16	4	0	3	2	2	1	3	6	3	0	4	2	3	
17	3	4	2	4	2	3	2	2	2	0	1	5	3	
18	2	0	0	0	0	2	2	2	0	1	2	0	1	
19	0	0	3	2	0	3	0	2	0	0	5	5	2	
20	9	3	2	4	2	4	2	0	2	3	2	6	3	
21	3	2	0	3	3	2	2	0	1	4	2	2	2	
22	0	3	0	2	3	2	0	1	2	2	3	1	2	
23	2	5	0	5	2	2	0	2	6	3	0	3	3	
24	0	1	1	2	0	1	2	2	2	2	0	2	1	
25	0	3	1	4	3	3	3	2	3	2	3	0	2	
26	5	0	7	2	0	3	3	2	2	0	0	3	2	
27	0	0	2	2	2	0	2	0	2	0	7	0	1	
28	3	1	6	7	1	2	3	1	2	2	3	2	3	
29	3	3	2	4	11	7	10	3	2	9	12	11	6	
30	7	6	7	4	5	***	2	3	2	1	2	3	4	
MEAN	2	2	2	3	2	2	2	2	2	2	2	3	2.0	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 26001 PUBLIC UTILITY SS 65 WEBER ST S WATERLOO													MONTH - DEC 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	1	4	2	0	3	1	0	2	3	1	2	
2	0	0	2	2	0	3	4	4	0	2	0	1	2	
3	0	0	4	0	0	4	2	2	0	2	2	0	1	
4	2	0	2	0	0	0	0	1	0	10	6	13	3	
5	4	3	1	0	0	0	4	1	2	0	0	2	1	
6	1	2	0	2	0	2	2	2	0	2	2	2	1	
7	2	2	0	2	3	0	0	2	0	4	0	0	1	
8	3	0	2	9	17	8	4	5	2	2	2	1	5	
9	2	6	4	2	5	2	1	4	2	1	2	2	3	
10	3	1	2	1	2	0	1	3	4	3	8	17	4	
11	11	5	3	0	0	2	2	2	4	18	22	12	7	
12	4	8	2	2	8	2	3	7	2	2	3	2	4	
13	3	2	0	2	1	4	2	5	3	4	2	4	3	
14	0	2	2	8	8	5	3	8	3	4	2	2	4	
15	0	2	2	2	5	2	2	5	3	0	3	2	2	
16	7	2	4	5	3	2	2	2	3	0	3	4	3	
17	2	0	1	5	3	0	0	2	0	2	3	0	2	
18	0	2	2	0	2	0	3	0	0	5	3	2	2	
19	*****	2	0	0	5	4	0	2	2	2	2	4	2	
20	5	2	0	3	0	2	2	0	7	2	4	0	2	
21	2	3	0	5	2	3	0	2	2	5	0	2	2	
22	0	7	2	0	3	3	2	0	2	0	2	2	2	
23	3	0	2	0	0	2	3	2	2	3	2	4	2	
24	2	0	8	3	3	3	6	4	7	7	3	3	4	
25	0	0	2	2	0	0	2	2	3	2	2	3	2	
26	0	0	0	2	0	0	0	2	2	3	0	0	1	
27	2	3	0	2	0	5	2	0	3	3	0	2	2	
28	0	2	0	3	0	0	2	0	2	0	0	0	1	
29	3	2	0	2	0	0	2	7	3	3	1	5	2	
30	2	5	2	5	5	3	3	5	5	5	7	5	4	
31	13	2	5	0	0	2	2	3	2	2	0	3	3	
MEAN	3	2	2	2	2	2	2	3	2	3	3	3	2.5	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER													MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	6	0	0	1	2	0	0	2	2	2	2	1	2	2
2	2	5	2	0	2	0	3	1	2	8	5	2	3	3
3	7	3	7	3	4	3	2	4	4	7	2	4	4	4
4	0	3	2	2	8	***	2	2	3	7	5	4	3	3
5	3	6	2	8	11	7	2	9	10	10	8	8	7	7
6	11	8	6	21	12	5	2	3	2	5	3	8	7	7
7	3	9	7	1	1	4	1	2	2	4	2	0	3	3
8	7	3	7	3	2	2	2	3	7	2	4	3	4	4
9	2	1	1	2	4	1	3	4	2	3	3	3	2	2
10	2	3	2	5	6	1	4	6	2	0	1	3	3	3
11	2	3	2	6	0	2	2	0	4	2	6	8	3	3
12	4	3	2	6	5	2	3	1	5	2	3	0	3	3
13	0	8	3	6	7	3	5	5	5	8	8	3	5	5
14	4	8	9	10	8	9	9	9	9	9	6	2	3	3
15	2	4	3	2	2	6	2	3	2	1	1	1	1	1
16	1	2	2	0	2	1	0	4	0	1	3	2	2	2
17	0	0	3	3	3	2	2	5	4	0	3	0	3	3
18	2	4	2	3	3	***	2	4	3	0	3	2	5	5
19	5	2	14	17	9	2	2	1	3	7	7	4	4	4
20	3	2	0	3	3	2	2	4						
21	7	3	4	3	6	2	2	0	3	3	1	3	3	3
22	1	2	0	2	0	2	3	2	2	3	5	1	2	2
23	2	2	2	2	2	0	2	5	6	5	7	5	3	3
24	3	5	5	0	7	5	7	7	5	7	4	3	5	5
25	6	5	5	8	7	8	1	2	2	1	2	2	4	4
26	1	5	1	2	3	0	1	3	5	2	2	3	2	2
27	1	2	0	4	2	2	2	0	5	2	3	3	2	2
28	9	3	2	5	9	***	2	3	2	2	1	0	3	3
29	3	4	1	2	4	2	4	2	5	1	2	2	2	2
30	2	5	0	5	2	2	2	0	2	2	2	2	2	2
31	4	0	2	6	5	4	3	5	4	4	4	2	4	4
MEAN	3	4	3	5	4	3	2	3	4	4	4	3	3.5	3.5

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *-* INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LEJ5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER													MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	1	1	2	2	2	0	3	2	0	2	0	1	1
2	0	0	5	2	2	4	0	2	3	6	6	4	3	3
3	5	3	4	4	3	3	6	3	5	3	2	0	3	3
4	4	6	4	3	4	2	2	2	2	3	2	3	2	2
5	1	2	2	3	1	2	2	2	0	2	1	2	2	2
6	3	1	2	2	2	3	4	2	1	1	0	2	2	2
7	2	0	2	0	0	0	2	4	2	6	2	4	5	5
8	2	3	2	7	12	8	3	4	6	9	11	5	6	6
9	4	4	5	4	6	6	6	8	6	9	13	9	8	8
10	6	4	4	6	8	6	2	7	12	16				
11	7	5	4	7	5	4	4	4	6	3	5	2	5	5
12	3	2	3	3	1	7	8	6	6	6	6	5	5	5
13	4	6	1	3	0	5	1	4	0	5	2	2	3	3
14	2	0	1	2	2	0	1	2	3	2	3	2	2	2
15	2	0	2	1	0	0	2	2	1	0	2	2	1	1
16	1	1	2	2	0	2	2	2	3	3	4	2	2	2
17	0	2	1	6	4	2	1	2	4	6	5	5	3	3
18	2	2	3	9	4	12	8	6	9	6	10	7	7	7
19	6	4	1	2	0	2	0	2	5	3	2	0	2	2
20	4	2	2	3	2	3	2	0	4	1	0	1	2	2
21	2	0	0	3	0	0	2	0	4	1	4	3	2	2
22	5	2	5	0	10	4	6	2	12	9	12	12	7	7
23	7	1	2	3	0	3	8	3	6	3	1	3	5	5
24	3	2	4	4	6	7	11	9	4	1	2	1	2	2
25	2	2	3	4	2	0	6	0	4	2	2	2	2	2
26	2	3	1	3	2	2	5	0	4	4	2	0	3	3
27	4	2	1	2	0	5	6	2	2	2	2	3	2	2
28	2	0	5	1	5	3	2	0	2	2	4	3	2	2
MEAN	3	2	3	3	3	3	3	3	4	4	4	3	3.2	3.2

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *-* INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LEJ5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER														MONTH - MAY 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	2	5	2	2	3	4	4	3	2	2	2	2	3		
2	3	2	4	3	1	3	0	1	0	3	2	1	2		
3	2	1	6	10	4	2	4	2	5	7	2	5	4		
4	9	2	9	6	8	5	6	5	7	6	6	2	6		
5	7	5	8	10	15	11	9	4	4	3	2	4	7		
6	0	2	2	5	0	2	1	0	2	2	0	2	2		
7	0	0	2	0	2	2	2	0	0	3	2	2	1		
8	2	1	3	1	0	1	1	2	1	0	2	1	1		
9	0	0	2	5	4	3	3	2	2	1	4	1	2		
10	1	3	1	0	3	3	3	1	1	0	2	2	2		
11	3	1	2	3	5	3	8	0	3	0	2	4	3		
12	3	6	7	7	2	3	3	2	2	3	0	2	3		
13	2	5	0	5	9	3	5	4	4	2	2	3	4		
14	3	2	3	4	0	2	2	2	0	2	0	2	2		
15	1	2	0	1	0	0	0	2	2	2	1	2	1		
16	4	1	10	15	8	2	2	5	3	3	3	0	5		
17	0	2	7	3	2	2	3	2	3	3	3	5	3		
18	3	2	3	1	0	2	0	1	2	***	***	***	2		
19															
20	****	****	****	0	1	2	- DATA INVALID -		7	2	5	2	5		
21	9	7	7	2	3	3	3	2	1	2	5	3	4		
22	3	2	2	3	2	2	5	2	2	2	2	2	2		
23	2	2	3	3	3	2	0	0	1	3	0	2	2		
24	2	3	3	2	3	3	2	5	3	3	7	5	3		
25	9	5	2	3	2	6	3	4	5	3	0	2	4		
26	5	3	5	5	3	0	4	2	2	3	0	7	3		
27	7	7	9	1	4	3	2	2	2	5	4	3	4		
28	2	2	1	1	2	1	2	0	2	3	0	3	2		
29	0	0	2	0	2	2	2	0	2	1	0	2	1		
30	4	5	5	3	2	3	3	2	4	9	1	5	4		
31	2	9	9	3	5	2	7	2	2	5	5	0	4		
MEAN	3	3	4	4	3	3	3	2	2	3	2	3	3.0		

PERCENTAGE OF DATA VALID - 95.2 PERCENTAGE OF DATA INVALID - 4.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER														MONTH - JUN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	2	0	3	2	2	2	0	2	0	3	0	1	1		
2	2	2	****	2	2	0	3	0	2	3	0	0	1		
3	0	3	2	2	4	0	2	0	2	2	0	3	2		
4	2	2	2	2	0	2	2	0	2	5	3	2	2		
5	2	0	1	3	0	0	0	2	2	0	4	0	1		
6	1	2	5	2	5	2	3	2	2	0	0	2	2		
7	2	1	2	3	****	1	0	1	3	1	1	1	1		
8	5	1	1	0	0	0	3	0	1	0	1	0	1		
9	0	1	1	3	1	1	1	2	0	3	7	3	2		
10	1	1	3	3	1	3	1	1	1	1	0	3	2		
11	2	3	9	9	5	1	3	3	1	5	3	1	4		
12	1	0	1	0	4	3	8	0	1	1	2	3	2		
13	0	3	0	1	2	3	1	1	3	3	1	0	2		
14	3	2	1	****	-	-	1	5	3	0	5	3	3		
15	1	3	3	2	2	3	2	3	1	0	1	1	2		
16	7	5	5	0	1	1	3	3	1	1	0	3	3		
17	1	3	3	1	3	5	3	9	5	3	1	3	3		
18	7	5	7	0	3	1	0	0	3	1	1	3	3		
19	1	1	1	5	1	1	3	3	1	3	1	1	2		
20	1	5	1	3	1	3	0	3	0	1	0	0	2		
21	0	0	1	3	3	3	****	5	0	0	5	0	2		
22	5	0	5	5	7	3	1	1	9	0	3	1	3		
23	7	5	9	15	9	4	3	5	1	1	7	11	6		
24	11	10	9	11	7	6	9	3	3	2	5	2	7		
25	4	0	3	3	2	1	1	1	0	7	1	1	2		
26	1	0	1	0	0	0	3	0	0	3	5	1	1		
27	5	3	7	1	2	2	1	3	1	6	3	3	3		
28	7	9	9	11	5	****	3	1	4	3	0	3	5		
29	1	0	0	3	0	3	0	3	0	3	1	1	1		
30	1	3	9	3	4	1	1	3	3	0	1	1	3		
MEAN	3	2	4	3	3	2	2	2	2	2	2	2	2.4		

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER													MONTH - SEP 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	4	2	3	6	3	6	3	4	0	0	4	1	3	
2	0	1	6	19	16	17	4	5	2	3	2	2	6	
3	2	1	2	0	2	0	2	2	0	3	2	1	1	
4	0	0	3	6	2	0	3	2	2	2	4	0	2	
5	1	3	1	2	0	3	0	2	2	1	2	0	1	
6	1	4	3	12	7	5	4	6	4	5	1	4	5	
7	7	2	10	11	6	8	10	8	6	3	8	3	7	
8	3	1	8	13	8	8	7	10	4	1	5	4	6	
9	2	9	3	3	7	6	4	2	2	5	3	5	4	
10	2	0	0	3	0	2	1	1	2	0	2	0	1	
11	2	0	2	1	0	0	2	1	2	6	0	7	2	
12	5	4	7	7	4	3	2	6	0	6	3	6	4	
13	3	2	8	11	17	7	12	18	8	4	9	7	9	
14	3	0	2	0	3	1	2	1	0	3	0	2	1	
15	7	2	2	15	4	6	5	5	4	0	3	2	5	
16	3	1	2	8	7	10	6	5	1	2	2	2	4	
17	0	2	3	0	2	1	2	0	0	2	2	0	1	
18	3	3	2	2	2	2	0	1	2	6	0	0	2	
19	4	2	3	6	3	4	3	2	8	2	2	2	3	
20	2	1	6	2	2	0	3	0	2	2	5	0	2	
21	0	3	2	0	1	7	0	1	3	4	0	2	2	
22	0	0	0	9	4	2	0	4	2	2	0	5	2	
23	1	2	2	0	6	0	4	3	0	0	0	0	2	
24	0	3	0	0	2	0	1	1	0	2	3	0	1	
25	2	0	1	0	0	4	0	0	2	1	3	0	1	
26	0	2	1	2	5	0	2	0	2	2	0	2	2	
27	0	0	0	2	3	0	5	1	0	2	0	2	1	
28	1	0	0	2	2	0	0	0	0	0	4	0	1	
29	0	0	7	2	2	0	0	0	0	2	3	0	1	
30	3	3	2	0	4	3	0	3	2	5	0	2	2	
MEAN	2	2	3	5	4	4	3	3	2	3	2	2	2.9	

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEJ5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER													MONTH - OCT 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	1	0	6	0	1	2	1	0	0	0	2	1	
2	2	0	4	3	2	0	0	3	0	2	0	3	2	
3	0	0	0	2	1	0	0	2	0	2	0	0	1	
4	5	5	0	0	0	2	3	0	0	4	0	4	2	
5	5	2	1	0	7	2	3	3	2	0	3	3	3	
6	4	0	0	2	2	0	0	0	5	0	2	0	1	
7	4	2	6	6	5	7	0	6	3	0	3	3	4	
8	2	0	3	3	3	2	3	3	2	0	3	3	2	
9	1	0	3	2	0	3	0	3	2	0	2	0	1	
10	0	2	0	3	3	2	4	0	1	2	7	2	2	
11	6	7	4	6	6	8	2	5	0	0	0	2	4	
12	0	3	0	3	2	0	3	2	0	2	1	3	2	
13	1	2	5	9	11	2	5	0	3	2	8	2	4	
14	4	9	11	15	13	7	2	6	10	5	7	9	8	
15	11	3	7	7	9	2	3	6	6	3	0	2	5	
16	1	0	5	0	1	0	0	2	0	0	2	2	1	
17	0	0	4	0	0	4	2	3	0	6	2	3	2	
18	0	8	3	9	2	7	0	2	2	2	7	9	4	
19	7	2	8	7	4	5	2	6	2	0	3	8	5	
20	2	3	5	3	3	3	5	0	3	1	5	2	3	
21	2	5	3	4	5	4	0	2	5	3	3	2	3	
22	9	0	0	3	3	0	0	0	6	4	0	3	2	
23	3	1	0	4	2	2	0	1	0	4	2	5	2	
24	3	3	10	9	9	6	5	3	7	8	11	4	7	
25	9	20	13	17	14	9	2	2	3	5	3	3	8	
26	4	1	3	2	3	0	2	0	2	3	8	5	3	
27	10	12	2	9	15	6	3	2	5	2	1	5	6	
28	2	0	0	11	7	2	2	2	3	2	7	3	3	
29	0	2	2	6	0	3	3	5	2	3	7	5	3	
30	2	3	3	5	3	0	0	2	0	2	2	0	2	
31	0	3	5	8	5	5	4	2	8	4	3	2	4	
MEAN	3	3	4	5	5	3	2	2	3	2	3	3	3.2	

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEJ5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.5	8	21
FEB	28	3.2	8	16
MAR	31	3.7	12	28
APR	30	3.7	8	17
MAY	30	3.0	7	23
JUN	30	2.4	7	15
JUL	27	2.2	6	11
AUG	31	2.7	9	23
SEP	30	2.9	9	19
OCT	31	3.2	8	20
NOV	30	3.4	10	17
DEC	31	2.9	7	17
YEAR	360	3.1	12	28

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	269	94	4	1	1	0	0	369
FEB	256	70	9	1	0	0	0	336
MAR	262	88	11	6	2	0	0	369
APR	249	93	13	2	0	0	0	357
MAY	281	69	3	0	1	0	0	354
JUN	296	52	5	0	0	0	0	353
JUL	289	37	3	0	0	0	0	329
AUG	305	49	14	1	1	0	0	370
SEP	286	63	6	5	0	0	0	360
OCT	274	85	11	2	0	0	0	372
NOV	252	93	12	3	0	0	0	360
DEC	302	60	8	2	0	0	0	372
YEAR	3321	853	99	23	5	0	0	4301

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
98.2	0	0.0	1.1	1.9	3.0	6.3	8.4	10.9	14.0	28	3.1

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES														MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	2	1	2	2	3	2	1	2	2	0	0	1	2		
2	1	0	4	2	4	1	2	1	0	1	4	1	2		
3	2	0	0	2	2	1	2	4	4	3	5	1	2		
4	5	2	5	2	2	4	0	2	3	2	2	1	3		
5	2	1	2	2	4	3	5	6	0	1	0	4	3		
6	5	5	4	2	4	3	1	6	2	4	7	3	4		
7	6	6	2	9	4	2	0	1	5	2	4	3	4		
8	0	4	2	8	2	3	4	4	2	3	2	1	3		
9	4	2	1	7	2	0	0	0	2	2	2	6	2		
10	2	4	3	4	6	3	8	3	2	1	4	2	4		
11	1	0	1	6	11	0	3	0	2	2	0	6	3		
12	3	4	3	7	4	2	8	2	8	3	0	4	4		
13	0	2	3	15	9	***	3	3	9	7	6	6	6		
14	2	0	2	10	9	3	9	6	5	3	7	5	5		
15	3	3	5	6	4	0	1	2	3	3	3	4	3		
16	0	0	2	0	0	3	2	2	2	2	2	1	1		
17	2	0	0	4	4	2	2	2	0	2	5	5	2		
18	1	0	3	2	5	2	1	6	5	7	2	2	3		
19	1	0	0	10	9	2	3	4	0	2	2	0	3		
20	0	6	0	7	6	1	1	2	5	2	6	7	4		
21	6	6	3	6	2	2	3	3	0	5	2	2	3		
22	0	2	1	3	3	0	5	0	3	0	0	3	2		
23	2	2	2	0	0	0	0	3	2	2	7	4	2		
24	3	7	0	3	6	5	3	9	9	5	4	4	5		
25	3	5	3	9	2	7	3	3	0	2	2	0	3		
26	3	3	0	5	3	1	0	2	4	2	7	0	3		
27	2	0	0	13	5	3	3	4	2	3	2	0	3		
28	5	4	3	5	8	4	0	2	5	6	2	5	4		
29	3	2	2	2	5	0	2	4	2	3	3	5	3		
30	0	0	2	3	6	0	2	0	4	2	2	2	2		
31	1	0	2	5	5	0	2	2	4	0	3	2	2		
MEAN	2	2	2	5	4	2	3	3	3	3	3	3	3.0		

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEJ5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES														MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	2	0	3	2	0	2	2	2	3	2	1	0	2		
2	0	2	0	4	3	2	0	6	2	4	2	3	3		
3	0	6	2	6	2	2	5	2	4	0	0	3	3		
4	3	3	1	0	5	3	2	2	0	3	2	1	2		
5	0	2	0	3	6	3	2	0	1	0	0	1	2		
6	2	1	3	2	1	1	0	3	0	1	2	0	1		
7	2	2	0	2	2	1	4	3	2	4	0	3	2		
8	2	1	2	0	5	6	1	3	7	3	2	3	3		
9	7	2	1	2	5	5	6	3	5	2	3	4	4		
10	1	1	7	13	9	3	0	5	4	7	15	11	6		
11	8	0	3	5	1	3	7	2	7	4	0	2	4		
12	2	0	3	2	2	5	3	2	3	3	2	6	3		
13	3	3	0	3	0	0	0	0	2	1	1	2	1		
14	0	2	2	2	5	2	0	2	2	1	0	2	2		
15	0	0	3	7	4	***	***	***	***	***	***	***	***		
16	***	***	***	***	***	***	***	***	***	***	***	***	***		
17	0	2	2	18	9	3	5	0	2	4	2	0	4		
18	7	2	3	4	2	5	3	5	5	5	6	5	4		
19	2	5	2	3	2	3	0	7	1	2	2	0	2		
20	2	5	3	0	3	3	2	0	2	1	5	1	2		
21	6	2	1	1	0	0	5	4	2	2	2	0	2		
22	1	2	3	4	4	5	2	5	3	2	2	7	3		
23	4	5	4	2	2	5	1	1	0	1	2	2	2		
24	0	5	1	0	5	2	0	9	0	2	2	0	2		
25	0	2	0	2	4	3	3	2	3	0	4	2	2		
26	0	0	0	0	8	3	2	2	0	3	2	2	2		
27	6	0	3	2	3	3	2	0	4	1	0	0	2		
28	2	2	1	2	4	2	2	6	4	0	2	0	2		
MEAN	2	2	2	3	4	3	2	3	3	2	2	2	2.6		

PERCENTAGE OF DATA VALID - 96.1

PERCENTAGE OF DATA INVALID - 3.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEJ5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - MAR 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	1	2	6	2	****	3	2	0	2	1	2
2	2	2	2	2	7	2	5	1	4	0	2	0	2
3	1	3	0	3	3	4	3	1	3	2	4	2	2
4	4	0	7	3	5	8	0	3	2	0	2	0	3
5	3	2	2	0	2	2	3	4	0	2	2	2	2
6	0	2	0	3	0	2	0	3	1	3	0	0	1
7	0	0	2	4	6	3	2	2	2	0	3	3	2
8	2	3	2	5	8	-	-	-	-	-	-	-	*****
9	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	2	2	2	3	0	0	2	*****
24	2	2	3	0	4	0	2	0	2	1	1	2	2
25	2	3	2	5	0	0	1	2	0	2	0	3	2
26	1	3	2	5	0	3	3	2	1	0	2	2	2
27	2	5	7	4	6	5	2	0	3	2	0	2	3
28	3	1	3	1	1	2	2	0	3	2	2	4	2
29	0	3	2	5	1	0	3	3	3	0	2	5	2
30	3	0	3	12	6	3	3	2	3	2	0	4	3
31	0	3	0	0	4	0	2	1	3	0	1	2	1
MEAN	2	2	2	3	4	2	2	2	2	1	1	2	2.2

PERCENTAGE OF DATA VALID - 51.3

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 48.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - APR 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	2	8	2	2	0	2	2	2	0	3	2
2	2	2	2	1	6	2	0	2	2	2	0	2	2
3	2	2	0	0	2	1	0	2	0	2	0	2	1
4	0	3	3	2	0	2	3	5	4	1	7	0	3
5	2	2	3	0	2	0	0	2	2	2	1	0	1
6	0	2	0	3	0	3	0	3	2	1	0	0	1
7	2	2	1	0	3	3	0	2	2	1	3	2	2
8	0	0	2	2	0	2	0	3	2	0	0	2	1
9	2	1	0	1	3	2	0	4	0	2	2	0	1
10	3	3	2	2	0	2	2	1	1	3	6	4	2
11	3	3	5	3	1	3	0	3	1	2	1	2	2
12	0	1	5	2	3	4	3	2	3	5	1	4	3
13	2	4	1	3	2	2	2	2	3	3	0	0	2
14	2	1	2	2	3	4	1	0	5	0	6	2	2
15	2	1	2	2	6	2	3	2	4	1	5	3	3
16	4	0	6	2	1	2	2	0	1	3	0	6	2
17	2	3	0	1	2	2	2	5	3	2	2	2	2
18	2	1	3	4	4	9	2	2	4	7	4	8	4
19	6	3	9	6	6	8	2	3	2	4	4	4	5
20	4	3	5	5	6	9	7	8	8	6	5	2	6
21	4	2	2	4	5	3	3	1	3	1	4	4	3
22	5	2	3	2	0	4	1	0	2	2	2	2	2
23	1	2	2	0	2	2	0	2	3	0	1	0	1
24	0	2	1	2	1	2	2	3	4	0	2	0	2
25	2	4	0	1	2	2	2	12	0	3	1	0	2
26	3	3	4	5	4	5	4	0	4	0	4	3	3
27	0	2	3	3	5	1	2	2	2	2	2	0	2
28	1	2	0	2	2	2	3	2	0	2	0	2	2
29	0	0	1	10	3	2	3	2	2	0	1	2	2
30	2	0	2	2	1	2	1	2	2	2	2	4	2
MEAN	2	2	2	3	3	3	2	3	2	2	2	2	2.3

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES													MONTH - JUL 77	
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	0	0	0	1	1	0	2	2	0	2	1	
2	0	2	0	0	2	1	0	1	1	0	2	2	1	
3	3	2	2	2	3	1	6	2	2	2	0	2	2	
4	2	1	2	2	0	2	2	3	3	0	2	2	2	
5	2	0	0	2	3	0	6	1	1	4	2	2	2	
6	0	2	3	3	3	4	4	0	3	1	0	0	2	
7	2	2	2	2	***	7	2	3	3	4	0	0	2	
8	0	3	2	7	4	2	6	0	0	0	2	1	2	
9	3	0	2	2	0	1	0	0	0	2	0	0	1	
10	2	2	0	0	3	0	2	1	2	2	2	3	2	
11	0	2	6	7	5	5	1	2	5	0	0	2	3	
12	2	1	3	5	***	***	-	-	-	-	-	-	***	
13							- DATA UNAVAILABLE -							
14							- DATA UNAVAILABLE -							
15							- DATA UNAVAILABLE -							
16							- DATA UNAVAILABLE -							
17							- DATA UNAVAILABLE -							
18							- DATA UNAVAILABLE -							
19							- DATA UNAVAILABLE -							
20							- DATA UNAVAILABLE -							
21							- DATA UNAVAILABLE -							
22							- DATA UNAVAILABLE -							
23							- DATA UNAVAILABLE -							
24							- DATA UNAVAILABLE -							
25							- DATA UNAVAILABLE -							
26							- DATA UNAVAILABLE -							
27							- DATA UNAVAILABLE -							
28							- DATA UNAVAILABLE -							
29							- DATA UNAVAILABLE -							
30							- DATA UNAVAILABLE -							
31							- DATA UNAVAILABLE -							
MEAN	2	1	2	3	2	2	3	1	2	1	1	1	1.8	

PERCENTAGE OF DATA VALID - 36.3

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 62.9

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES													MONTH - AUG 77	
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1							- DATA UNAVAILABLE -							
2							- DATA UNAVAILABLE -							
3							- DATA UNAVAILABLE -							
4							- DATA UNAVAILABLE -							
5							- DATA UNAVAILABLE -							
6							- DATA UNAVAILABLE -							
7							- DATA UNAVAILABLE -							
8							- DATA UNAVAILABLE -							
9							- DATA UNAVAILABLE -							
10							- DATA UNAVAILABLE -							
11							- DATA UNAVAILABLE -							
12							- DATA UNAVAILABLE -							
13	2	0	3	2	2	3	3	2	1	0	0	4	*****	
14	2	2	1	2	0	0	1	0	1	0	5	2	2	
15	0	1	4	6	5	2	0	2	0	0	3	0	1	
16	3	5	7	8	8	8	2	6	3	0	3	3	2	
17	1	1	0	2	5	0	8	1	2	0	0	1	4	
18	5	0	2	2	5	5	0	4	0	1	0	2	2	
19	1	2	2	3	2	2	0	3	2	2	0	0	2	
20	3	0	2	0	2	2	2	2	0	2	1	4	2	
21	0	6	2	3	0	5	1	0	1	4	0	0	2	
22	0	3	0	1	8	0	3	2	0	2	0	0	2	
23	3	0	1	0	2	1	3	0	2	***	***	***	1	
24	***	***	***	***	***	0	3	2	2	1	2	5	*****	
25	0	3	2	6	2	0	2	0	3	1	2	2	2	
26	2	5	1	4	1	2	2	3	2	3	0	2	2	
27	1	3	0	5	2	0	2	2	2	0	1	2	2	
28	0	1	3	2	2	1	2	2	0	2	0	3	2	
29	0	2	3	0	0	0	1	0	2	3	0	0	1	
30	0	2	2	0	0	6	0	0	2	3	2	4	2	
31	4	2	11	7	2	5	3	5	3	3	2	4	4	
MEAN	2	2	3	3	3	2	2	2	1	1	1	2	2.0	

PERCENTAGE OF DATA VALID - 61.0

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 36.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES														MONTH - NOV 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	1	2	2	5	3	1	5	6	3	4	2	3		
2	3	3	2	1	3	4	0	3	2	2	0	2	2		
3	1	2	1	0	3	1	2	4	7	0	2	2	2		
4	5	5	5	3	4	7	0	5	2	5	3	2	4		
5	0	2	0	2	2	0	3	2	2	3	2	5	2		
6	0	2	3	0	3	3	2	2	5	3	2	2	2		
7	2	3	2	0	3	0	5	2	5	6	2	2	3		
8	0	2	2	3	2	3	4	3	6	2	1	5	3		
9	2	4	2	2	7	3	7	2	7	10	7	6	5		
10	2	2	0	5	2	4	0	0	2	2	2	0	2		
11	0	1	0	2	3	1	5	0	2	0	0	1	1		
12	2	0	0	0	2	5	1	3	0	0	2	0	1		
13	2	0	2	2	0	1	2	2	3	0	2	0	1		
14	0	2	0	3	3	0	0	4	5	3	2	2	2		
15	4	5	2	5	5	5	3	5	3	5	0	3	4		
16	2	3	3	5	7	3	0	2	5	4	2	4	3		
17	0	2	4	4	1	2	0	1	3	0	0	1	2		
18	3	2	2	2	5	0	4	0	2	2	3	2	2		
19	0	0	0	0	5	2	2	0	1	1	4	2	2		
20	6	5	2	2	2	2	3	6	3	0	2	2	3		
21	4	2	0	1	5	2	4	4	3	0	2	0	2		
22	2	1	3	0	0	3	4	1	2	3	3	2	2		
23	2	0	3	2	2	3	2	5	5	1	3	1	2		
24	0	0	4	5	2	0	0	2	2	1	1	0	1		
25	4	3	4	2	1	2	1	2	3	0	3	0	2		
26	1	1	2	2	5	4	2	1	2	0	0	0	2		
27	0	0	0	1	0	0	4	2	2	1	2	2	1		
28	5	2	4	3	12	2	5	3	1	2	2	3	4		
29	5	2	5	2	10	2	2	1	6	7	5	6	4		
30	6	9	14	6	7	4	7	10	15	7	5	4	8		
MEAN	2	2	2	2	4	2	3	3	4	2	2	2	2.6		

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COHS/1000 FT						
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES							MONTH - DEC 77						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	8	5	4	3	2	1	9	4	3	0	1	0	3
2	1	1	1	2	4	2	0	0	1	5	2	0	2
3	2	2	0	5	2	0	2	2	3	0	2	1	2
4	0	2	1	1	0	1	3	0	3	1	1	2	1
5	1	3	1	5	2	2	2	4	1	0	3	0	2
6	0	0	2	0	3	2	2	1	3	0	2	1	1
7	0	1	2	3	3	2	****	2	0	2	3	****	2
8	- DATA INVALID -												
9	****	****	****	****	****	****	0	2	2	2	2	2	*****
10	4	1	0	2	2	2	1	2	2	2	4	2	2
11	6	4	2	4	4	3	5	3	2	3	2	6	4
12	6	3	2	2	3	4	3	6	1	2	2	1	3
13	1	4	3	6	****	1	5	5	7	8	4	5	4
14	2	5	3	3	13	7	19	9	3	3	5	1	7
15	5	5	5	5	3	5	0	2	2	3	2	3	3
16	3	2	3	0	7	9	6	3	5	2	7	2	4
17	2	0	2	2	4	3	2	2	2	2	0	2	2
18	2	0	2	0	4	0	0	8	4	4	2	2	2
19	2	0	0	2	0	3	3	3	3	2	2	3	2
20	3	2	2	4	****	2	2	1	3	2	3	4	3
21	0	0	0	1	4	9	2	17	14	5	2	2	5
22	0	2	2	3	0	2	0	2	1	0	3	4	2
23	2	3	2	2	3	4	2	3	0	0	4	2	2
24	2	2	2	2	2	7	2	0	4	2	2	1	2
25	3	2	0	2	1	0	1	2	2	2	0	2	1
26	2	1	0	0	0	0	0	1	0	0	3	2	1
27	1	0	0	1	1	2	2	0	1	2	2	0	1
28	2	0	1	0	0	2	3	2	2	0	6	3	2
29	2	0	2	2	3	2	2	2	2	0	3	0	2
30	4	2	4	2	6	3	4	4	5	1	6	2	4
31	5	2	4	2	0	1	5	0	2	0	2	1	2
MEAN	2	2	2	2	3	3	3	3	3	2	3	2	2.5

PERCENTAGE OF DATA VALID - 94.1 PERCENTAGE OF DATA INVALID - 5.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT		PARTICULATES-SOILING INDEX 2HR SAMPLES						UNITS - 0.1 COHS/1000 FT					
STATION - WC NO 29001		HUGHSON/HUNTER HAMILTON						MONTH - JAN 77					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	3	0	2	1	1	0	0	5	0	1	1
2	4	2	1	2	2	2	2	2	3	2	0	3	2
3	2	2	2	2	4	4	2	3	2	4	6	2	3
4	5	6	1	3	2	3	2	4	6	2	5	2	3
5	4	4	4	5	4	4	2	4	5	7	4	4	4
6	4	9	6	5	7	2	4	3	7	5	3	5	5
7	5	2	4	4	4	2	0	3	1	3	2	2	3
8	3	4	1	6	4	2	2	3	5	4	2	4	3
9	3	1	1	3	1	2	2	3	4	2	2	2	2
10	2	2	2	2	5	4	3	7	2	4	3	2	3
11	2	1	3	2	4	3	1	2	2	2	3	2	2
12	2	1	2	4	4	1	2	3	3	4	6	2	3
13	4	3	1	3	3	4	3	2	4	4	5	2	3
14	10	5	9	7	7	7	6	5	7	3	8	3	6
15	6	2	2	2	3	3	4	3	3	1	2	1	3
16	2	0	2	1	0	0	1	2	2	7	3	4	2
17	2	0	2	2	5	2	2	2	3	4	3	3	3
18	1	2	0	2	5	1	5	0	2	1	0	4	2
19	2	3	1	2	2	3	2	2	4	2	0	2	2
20	3	0	0	0	***	3	2	2	2	2	5	6	2
21	4	2	2	5	5	3	3	23	2	5	2	3	5
22	0	3	2	0	2	2	1	1	2	2	1	3	2
23	2	3	3	6	6	2	2	3	6	3	8	5	4
24	7	9	3	5	7	4	6	5	7	7	4	3	6
25	3	6	2	3	8	1	2	2	6	4	0	2	3
26	0	2	0	1	2	3	0	3	1	2	4	0	2
27	2	4	2	2	3	2	1	2	1	2	2	3	2
28	2	2	***	10	5	5	1	5	2	3	3	2	4
29	2	2	1	1	1	2	5	2	2	2	2	3	2
30	4	3	2	2	2	3	2	0	0	1	1	0	2
31	1	1	2	1	3	2	3	4	2	1	2	0	2
MEAN	3	3	2	3	4	3	2	3	3	3	3	3	2.9

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT		PARTICULATES-SOILING INDEX 2HR SAMPLES						UNITS - 0.1 COHS/1000 FT					
STATION - WC NO 29001		HUGHSON/HUNTER HAMILTON						MONTH - FEB 77					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	1	1	4	1	1	2	5	2	2	4	2
2	0	0	3	1	4	0	2	1	2	2	3	4	2
3	8	0	3	1	2	3	1	0	1	2	3	0	2
4	2	1	1	7	1	***	0	5	2	3	5	3	3
5	0	1	3	3	0	3	5	3	3	2	3	2	2
6	0	0	1	2	5	3	2	0	5	2	1	2	2
7	2	0	2	1	4	6	3	3	2	1	6	3	3
8	0	4	2	3	3	5	5	4	4	4	2	3	3
9	4	4	2	3	5	5	4	1	3	3	5	2	3
10	4	2	5	5	12	7	3	1	5	7	8	5	5
11	5	5	3	0	3	0	2	3	4	1	3	2	3
12	2	1	0	2	2	3	4	2	6	4	9	7	4
13	3	0	1	1	1	1	5	3	3	0	2	2	2
14	2	2	2	0	5	***	0	0	0	2	3	0	1
15	1	2	1	1	4	5	4	2	4	1	1	4	3
16	2	0	2	1	2	2	0	1	2	2	2	0	1
17	0	3	2	2	5	2	2	3	4	5	3	2	3
18	1	0	5	5	7	2	2	4	3	5	2	6	4
19	5	2	3	2	1	2	4	1	1	2	2	2	2
20	2	2	0	2	2	2	1	2	2	0	0	1	1
21	1	0	2	2	***	0	5	3	3	0	0	2	2
22	3	3	2	3	3	3	5	7	5	5	4	5	4
23	5	8	5	6	2	2	3	3	4	7	4	4	4
24	6	3	3	8	8	11	11	23	7	2	0	1	7
25	0	0	2	2	1	1	0	2	1	3	2	1	1
26	0	3	4	2	0	2	0	4	4	1	3	4	2
27	3	3	2	5	3	5	5	1	0	2	0	1	3
28	0	0	0	3	3	0	1	0	4	3	0	0	1
MEAN	2	2	2	3	3	3	3	3	3	3	3	3	2.7

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - MAY 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	3	4	3	2	2	3	0	3	1	5	1	2	
2	2	4	0	3	5	2	***	3	0	0	0	0	2	
3	0	0	0	1	0	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	0	1	0	1	0	0	1	0	0	0	0	0	0	
8	0	0	0	0	0	0	0	0	0	1	0	0	0	
9	0	0	0	***	***	0	0	0	0	0	1	0	0	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	0	1	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	1	0	0	0	0	0	0	0	0	1	0	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	3	0	0	0	0	0	0	0	0	0	0	0	0	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	0	1	0	***	0	0	0	0	0	0	0	0	0	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	1	***	0	1	3	7	6	3	1	2	
25	2	2	3	7	0	5	9	7	3	5	3	1	5	
26	5	4	5	5	1	3	7	9	5	3	5	5	5	
27	3	5	9	5	0	3	4	3	1	1	3	0	3	
28	5	3	5	3	1	0	5	1	9	1	1	1	3	
29	5	5	5	3	5	5	5	5	5	5	5	1	5	
30	3	5	5	3	3	5	7	5	7	5	5	5	5	
31	5	7	2	6	11	11	11	5	9	7	11	5	6	
MEAN	1	1	1	1	1	1	2	1	2	1	1	1	1.3	

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - JUN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	7	3	3	9	1	3	0	2	0	0	3	1	3	
2	1	1	0	***	0	3	2	5	1	1	3	3	2	
3	1	1	3	1	5	1	1	1	3	5	3	3	2	
4	0	3	0	0	1	0	1	0	3	1	1	3	1	
5	0	1	1	5	0	3	2	7	3	1	2	3	2	
6	3	0	7	0	3	3	3	0	3	7	4	0	3	
7	1	0	0	1	1	3	***	0	5	2	0	2	1	
8	2	3	0	2	3	0	1	0	2	0	3	1	2	
9	2	0	3	2	1	6	3	1	2	0	3	1	2	
10	2	3	0	3	2	4	2	3	2	2	0	0	2	
11	4	2	0	2	1	3	0	2	2	2	2	0	2	
12	0	3	0	3	0	2	3	3	2	1	2	0	2	
13	2	0	2	3	5	3	9	9	8	5	2	5	5	
14	3	3	5	***	7	11	7	9	4	7	5	6	6	
15	0	2	1	3	3	3	3	1	3	5	7	3	3	
16	3	8	2	6	6	10	10	6	3	5	6	5	6	
17	3	0	1	5	6	2	3	1	3	9	2	2	3	
18														
19	2	5	0	3	3	2	DATA UNAVAILABLE			2	5	0	2	
20	0	2	0	***	0	3	0	2	3	2	1	0	1	
21	0	2	0	2	5	2	5	4	2	2	0	3	2	
22	0	4	2	3	3	4	2	3	3	2	3	5	3	
23	7	3	5	7	7	5	3	3	4	3	6	3	5	
24	5	2	7	11	11	13	3	3	0	3	2	5	5	
25	2	4	2	2	0	3	6	1	2	2	3	0	2	
26	0	3	3	2	2	2	2	1	1	3	2	0	2	
27	3	1	2	***	***	3	5	3	5	3	0	2	3	
28	9	5	7	9	2	2	5	3	3	0	3	2	4	
29	3	0	2	0	4	0	4	3	0	5	2	2	2	
30	2	3	2	0	17	2	2	0	0	3	3	2	3	
MEAN	2	2	2	3	4	3	3	3	3	3	3	2	2.8	

PERCENTAGE OF DATA VALID - 95.0

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 3.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - SEP 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	3	2	2	3	3	4	2	2	0	2	2	2	
2	0	0	1	2	7	3	10	5	2	7	1	4	4	
3	3	0	1	4	3	1	0	0	0	0	0	1	1	
4	2	0	3	0	3	4	6	1	2	2	0	0	2	
5	0	0	4	1	2	2	0	2	1	1	1	3	1	
6	3	1	1	2	4	0	2	4	2	5	1	4	2	
7	0	2	2	9	***	5	3	3	5	3	2	3	3	
8	3	0	2	2	5	2	2	3	2	5	2	2	3	
9	2	3	4	3	2	3	2	4	2	0	0	0	2	
10	2	0	0	2	0	2	0	0	2	0	0	0	1	
11	1	0	2	3	1	0	0	0	2	2	2	2	1	
12	2	2	4	1	2	2	2	2	1	2	3	3	2	
13	0	2	2	3	1	2	2	5	4	2	3	2	2	
14	2	1	1	0	0	1	0	3	0	3	2	0	1	
15	1	2	3	4	***	2	2	1	3	2	3	1	2	
16	0	0	0	3	4	7	9	6	0	3	2	4	3	
17	1	2	2	1	3	3	0	1	3	2	2	2	2	
18	3	2	2	0	0	3	0	0	2	3	3	4	2	
19	2	0	3	2	2	2	3	1	6	2	3	1	2	
20	2	0	1	1	2	4	3	2	3	0	2	1	2	
21	2	2	2	4	2	3	***	2	0	0	2	0	2	
22	3	1	2	2	4	5	3	4	3	2	2	2	3	
23	0	3	2	2	0	3	2	2	0	3	2	1	2	
24	2	3	2	1	2	1	2	3	4	3	1	2	2	
25	3	0	1	0	2	5	7	5	2	2	2	2	3	
26	3	1	0	3	4	2	0	1	0	1	2	1	2	
27	1	0	0	2	2	1	***	0	0	0	3	5	1	
28	2	2	0	2	0	2	0	0	3	3	2	4	2	
29	3	0	0	4	7	3	3	2	3	2	3	5	3	
30	0	2	2	3	3	3	3	0	6	4	5	2	3	
MEAN	2	1	2	2	3	3	3	2	2	2	2	2	2.1	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - OCT 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	2	0	3	4	2	5	0	2	0	2	0	2	
2	0	0	0	3	3	5	0	3	0	2	2	0	2	
3	0	2	2	2	0	3	3	0	2	0	2	2	2	
4	4	0	3	5	2	3	0	4	0	5	0	2	2	
5	0	2	2	4	4	***	0	7	0	0	5	5	3	
6	3	9	2	3	2	0	2	0	2	0	2	3	2	
7	3	2	0	3	7	3	3	2	3	0	3	0	2	
8	2	3	0	3	2	4	1	2	2	0	2	0	2	
9	0	2	5	0	5	0	2	3	0	0	3	0	2	
10	2	2	3	2	0	0	4	0	0	3	0	2	2	
11	3	2	3	7	5	0	3	3	0	3	2	0	3	
12	0	2	0	2	3	0	0	0	0	3	2	2	1	
13	0	3	4	3	***	2	0	5	0	2	3	7	3	
14	0	5	5	8	3	3	6	7	2	5	7	3	5	
15	3	5	2	7	3	3	5	7	7	3	2	2	4	
16	2	0	2	0	0	2	0	0	0	0	0	0	1	
17	2	3	2	2	0	0	2	3	0	0	0	0	1	
18	2	2	2	4	2	2	2	2	2	0	2	2	2	
19	2	2	5	7	5	***	5	7	7	5	3	2	5	
20	3	4	3	9	5	2	2	3	3	2	5	1	4	
21	2	3	3	4	5	3	3	2	3	1	3	1	3	
22	5	5	2	3	2	0	1	0	2	1	3	0	2	
23	3	0	0	2	2	2	2	0	0	0	5	0	1	
24	3	7	9	11	7	9	11	7	3	2	7	7	7	
25	13	13	12	13	17	11	14	11	13	5	11	9	12	
26	3	2	0	0	***	3	0	9	0	2	0	7	2	
27	5	0	9	12	5	3	9	2	9	4	6	3	6	
28	4	3	3	4	2	7	0	6	7	7	5	3	4	
29	0	3	2	2	7	5	2	0	3	5	3	0	3	
30	3	3	3	2	2	2	2	2	4	5	0	5	3	
31	2	3	5	5	9	2	2	2	12	3	6	2	4	
MEAN	2	3	3	4	4	3	3	3	3	2	3	2	3.0	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.9	6	23
FEB	28	2.7	7	23
MAR	31	3.4	10	19
APR	30	4.0	12	28
MAY	31	1.3	8	11
JUN	29	2.8	6	17
JUL	31	2.8	6	14
AUG	24	2.0	5	13
SEP	30	2.1	4	10
OCT	31	3.0	12	17
NOV	30	3.2	10	15
DEC	31	3.2	8	15
YEAR	357	2.8	12	28

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	305	64	0	0	1	0	0	370
FEB	273	56	3	0	1	0	0	333
MAR	270	73	16	4	0	0	0	363
APR	246	80	23	8	1	0	0	358
MAY	313	50	4	0	0	0	0	367
JUN	276	61	4	1	0	0	0	342
JUL	293	66	5	0	0	0	0	364
AUG	273	21	3	0	0	0	0	297
SEP	331	25	0	0	0	0	0	356
OCT	281	73	13	1	0	0	0	368
NOV	262	84	11	0	0	0	0	357
DEC	275	88	7	0	0	0	0	370
YEAR	3398	741	89	14	3	0	0	4245

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.9	0	0.0	0.9	1.8	2.8	5.9	8.0	10.6	12.4	28	2.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	1	3	5	4	5	2	3	2	5	3	2	3	
2	4	3	4	8	2	2	2	4	1	4	0	2	3	
3	4	6	4	5	6	3	3	4	4	6	6	7	5	
4	4	2	5	4	7	2	5	-	-	-	-	-	*****	
5							- DATA UNAVAILABLE -							
6							- DATA UNAVAILABLE -							
7							- DATA UNAVAILABLE -							
8							- DATA UNAVAILABLE -							
9							- DATA UNAVAILABLE -							
10							- DATA UNAVAILABLE -							
11							- DATA UNAVAILABLE -							
12							- DATA UNAVAILABLE -							
13							- DATA UNAVAILABLE -							
14							- DATA UNAVAILABLE -							
15							- DATA UNAVAILABLE -							
16							- DATA UNAVAILABLE -							
17							- DATA UNAVAILABLE -							
18							- DATA UNAVAILABLE -							
19							- DATA UNAVAILABLE -							
20							- DATA UNAVAILABLE -							
21	-	-	-	-	-	-	-	3	1	4	3	4	*****	
22	14	4	2	1	2	0	2	0	3	1	1	0	3	
23	1	0	1	3	1	0	3	3	3	5	3	3	2	
24	1	7	8	10	8	12	4	6	1	8	7	10	7	
25	8	2	6	4	4	9	5	5	0	3	2	3	4	
26	0	2	0	2	0	3	0	0	0	3	2	3	1	
27	0	0	3	2	2	3	3	1	1	0	0	3	2	
28	3	4	11	9	5	4	0	-	-	-	-	-	*****	
29							- DATA UNAVAILABLE -							
30							- DATA UNAVAILABLE -							
31							- DATA UNAVAILABLE -							
MEAN	4	3	4	5	4	4	3	3	2	4	3	4	3.4	

PERCENTAGE OF DATA VALID - 34.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 65.9

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1							- DATA UNAVAILABLE -							
2							- DATA UNAVAILABLE -							
3							- DATA UNAVAILABLE -							
4	-	-	-	-	-	****	0	3	2	3	3	0	*****	
5	0	2	3	2	3	2	0	1	2	0	1	3	2	
6	2	4	2	2	2	0	1	0	2	0	0	3	2	
7	0	3	3	1	2	2	0	2	1	4	2	5	3	
8	0	1	1	4	3	3	3	5	4	3	1	2	3	
9	3	3	5	7	2	2	2	3	3	1	4	9	6	
10	2	4	5	13	15	3	2	0	5	9	6			
11	3	2	3	3	4	2	0	2	5	5	1	5	3	
12	4	4	2	1	****	****	****	****	****	****	****	****	*****	
13							- DATA INVALID -							
14	****	****	****	****	****	****	****	****	2	3	2	2	*****	
15	2	1	2	2	2	1	2	2	3	2	2	3	2	
16	1	3	2	1	3	2	0	4	2	1	4	2	2	
17	0	2	3	2	2	2	2	0	3	3	1	3	2	
18	2	****	****	****	****	7	6	2	2	2	4	3	4	
19	0	2	3	0	2	2	2	3	2	5	2	4	2	
20	6	0	4	3	3	****	****	****	****	****	****	****	*****	
21	****	****	****	****	****	****	0	3	2	2	0	3	*****	
22	1	2	0	4	2	2	5	2	5	6	2	6	3	
23	8	2	2	0	5	2	3	4	4	2	0	1	3	
24	0	3	2	5	5	5	10	14	6	0	2	2	4	
25	2	1	0	2	0	0	2	1	1	0	1	0	1	
26	2	0	2	0	2	0	0	2	4	1	0	1	1	
27	0	3	2	2	2	2	2	2	2	0	0	2	1	
28	2	2	0	1	2	0	2	0	2	0	0	2	1	
MEAN	2	2	2	3	3	2	2	3	3	2	2	3	2.4	

PERCENTAGE OF DATA VALID - 74.1 PERCENTAGE OF DATA INVALID - 13.7 PERCENTAGE OF DATA UNAVAILABLE - 12.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - MAR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	3	3	5	0	0	1	0	2	0	2	2	2	
2	2	0	8	3	0	3	3	0	1	0	2	0	2	
3	0	2	5	3	***	12	5	2	3	2	2	7	4	
4	2	0	5	5	2	0	3	5	2	2	2	0	4	
5	3	0	2	0	0	3	0	2	2	0	2	3	2	
6	0	3	0	0	0	0	1	2	2	3	2	3	2	
7	2	0	1	4	2	2	0	2	0	6	2	3	2	
8	0	3	0	2	2	0	0	2	2	0	2	2	2	
9	4	2	3	0	4	3	2	2	3	0	2	2	2	
10	4	2	3	3	***	5	2	3	0	9	6	6	4	
11	5	7	8	18	11	17	7	5	7	6	4	5	8	
12	7	7	4	11	4	5	5	5	10	3	4	29	8	
13	17	5	11	17	2	0	0	0	5	0	0	2	5	
14	2	2	2	2	2	0	1	3	0	2	0	5	2	
15	3	6	9	5	4	2	***	6	6	4	5	5	5	
16	7	1	2	2	0	2	0	2	0	2	0	0	2	
17	0	0	2	0	2	0	0	0	2	0	4	2	1	
18	2	2	2	4	4	4	0	4	2	4	0	4	3	
19	2	4	2	4	0	3	2	2	2	2	0	5	2	
20	10	12	7	3	3	5	5	0	2	2	0	5	5	
21	2	4	2	7	***	2	3	2	3	5	7	3	4	
22	0	4	1	4	2	0	5	2	3	1	2	3	2	
23	3	2	0	4	0	2	3	2	1	0	0	0	1	
24	2	2	0	0	0	3	2	2	2	0	0	6	2	
25	0	2	0	12	2	5	1	2	2	0	0	2	2	
26	3	3	3	3	2	5	0	0	2	3	2	7	3	
27	2	2	2	9	0	4	4	5	3	2	0	3	3	
28	2	2	9	5	***	9	7	13	13	5	2	7	7	
29	7	7	3	9	2	2	0	2	2	0	3	2	3	
30	3	3	4	9	7	7	0	3	3	0	2	0	3	
31	2	0	0	2	0	0	2	0	0	2	0	2	1	
MEAN	3	3	3	5	2	4	2	3	3	2	2	4	3.0	

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-." INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - APR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	2	3	3	0	3	3	5	0	3	5	2	3	
2	2	3	2	3	2	3	3	5	12	5	3	2	4	
3	2	0	3	0	0	0	2	0	2	0	0	5	1	
4	0	2	0	3	***	3	4	5	8	2	3	7	3	
5	7	2	0	3	2	0	0	2	1	1	3	3	2	
6	5	0	2	2	7	0	3	0	0	0	2	2	2	
7	0	2	0	2	2	2	4	2	2	2	4	0	2	
8	1	2	0	3	0	5	2	0	1	1	0	6	2	
9	0	2	3	2	3	2	0	2	0	3	0	0	2	
10	4	3	5	2	3	2	2	0	6	2	2	3	3	
11	8	6	10	13	1	2	3	4	2	2	0	3	5	
12	3	3	2	2	***	2	4	2	0	4	1	2	2	
13	5	0	6	4	0	2	0	5	1	3	4	0	3	
14	3	4	2	2	2	0	3	0	2	3	13	2	3	
15	4	4	7	3	4	5	2	5	6	1	5	4	4	
16	2	2	5	3	0	4	2	2	2	2	3	4	3	
17	5	3	9	2	3	1	1	0	0	5	10	6	4	
18	5	7	13	8	9	11	4	7	4	15	15	11	9	
19	5	3	5	2	2	6	0	9	4	11	3	8	5	
20	11	8	15	13	11	***	8	4	10	10	16	4	10	
21	0	3	5	1	5	3	6	2	0	3	2	0	3	
22	3	3	3	2	2	0	5	0	2	4	0	2	2	
23	0	0	3	0	4	2	2	1	5	2	3	0	2	
24	0	3	5	11	5	0	1	3	1	0	2	4	3	
25	4	2	9	7	5	1	0	4	2	3	2	6	4	
26	3	0	4	5	8	2	3	2	2	3	2	1	3	
27	5	1	0	5	2	2	3	2	1	0	1	2	2	
28	0	5	2	2	0	0	0	0	0	7	2	6	2	
29	1	3	2	2	0	2	2	0	0	0	0	2	1	
30	0	2	2	2	2	2	2	0	2	1	1	3	2	
MEAN	3	3	4	4	3	2	2	2	3	3	4	3	3.1	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-." INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - MAY 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	6	3	2	0	3	0	2	2	3	0	2	
2	1	2	5	4	0	2	***	0	0	0	0	0	1	
3	0	0	1	0	0	0	0	0	1	0	0	0	0	
4	0	1	0	0	0	0	0	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	0	0	1	3	0	0	0	0	0	0	0	0	0	
7	0	0	0	0	0	0	0	0	0	1	0	0	0	
8	9	8	10	10	0	0	2	1	0	0	3	3	4	
9	0	0	1	***	0	2	0	2	2	0	0	0	1	
10	2	0	1	0	0	0	0	1	0	0	0	0	0	
11	0	0	1	0	0	0	0	0	0	0	0	0	0	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	0	0	0	2	0	0	2	0	0	2	2	2	1	
16	0	0	0	0	0	0	0	0	1	0	5	2	1	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	0	0	***	***	9	0	1	0	0	2	1	0	1	
19	0	0	0	7	0	0	0	0	0	0	2	0	1	
20	0	0	0	0	0	0	0	0	0	0	2	0	0	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	
22	0	0	0	4	0	1	1	2	0	0	0	0	0	
23	0	0	0	4	0	0	0	0	0	1	0	0	0	
24	0	0	0	0	3	1	1	3	5	5	1	0	2	
25	3	3	1	3	3	1	3	7	1	3	3	3	3	
26	7	3	3	3	1	3	1	1	0	3	3	5	3	
27	0	2	3	7	5	1	3	1	1	3	0	1	1	
28	1	3	1	3	0	1	1	3	1	0	0	2	1	
29	0	1	1	0	3	1	0	1	1	0	1	1	1	
30	3	5	3	5	0	3	0	3	5	3	5	1	3	
31	3	1	3	3	1	5	5	7	5	3	3	5	4	
MEAN	1	1	1	2	1	1	1	1	1	1	1	1	1.1	

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - JUN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	1	5	3	0	0	1	0	1	7	0	3	2	
2	3	0	***	***	0	1	4	1	2	0	3	3	2	
3	5	0	3	5	3	0	0	1	1	1	0	6	2	
4	0	0	3	1	1	1	0	0	3	1	0	0	1	
5	0	1	4	1	0	2	0	1	1	3	0	1	1	
6	0	0	2	3	1	0	3	3	1	1	1	0	1	
7	3	0	4	3	0	***	-	-	-	-	-	-	*****	
8							- DATA UNAVAILABLE -							
9							- DATA UNAVAILABLE -							
10							- DATA UNAVAILABLE -							
11							- DATA UNAVAILABLE -							
12							- DATA UNAVAILABLE -							
13							- DATA UNAVAILABLE -							
14	-	-	-	0	1	7	3	5	0	5	3	3	3	
15	0	3	1	3	1	3	3	0	0	0	3	0	1	
16	5	0	0	1	3	1	1	3	3	3	3	5	2	
17	1	3	1	3	0	1	1	1	3	1	0	3	2	
18	3	3	1	1	1	3	1	1	0	1	0	1	1	
19	0	0	0	0	1	1	1	1	1	1	1	0	1	
20	3	1	0	1	***	-	-	-	-	-	-	-	*****	
21							- DATA UNAVAILABLE -							
22							- DATA UNAVAILABLE -							
23							- DATA UNAVAILABLE -							
24							- DATA UNAVAILABLE -							
25							- DATA UNAVAILABLE -							
26							- DATA UNAVAILABLE -							
27	-	-	-	-	0	0	1	1	0	0	1	3	1	
28	5	1	6	11	5	5	1	0	1	1	5	0	3	
29	0	0	0	1	1	0	0	0	0	0	3	2	1	
30	1	1	0	0	1	1	0	0	1	0	0	1	1	
MEAN	2	1	2	2	1	2	1	1	1	2	1	2	1.5	

PERCENTAGE OF DATA VALID - 53.3 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 45.6

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COMS/1000 FT													
STATION - WC NO 29009 KENILWORTH HAMILTON													
MONTH - JUL 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	0	1	0	5	0	0	0	1	1	1	1
2	1	0	0	1	1	0	0	0	0	0	0	3	1
3	3	0	1	5	0	1	1	0	3	0	1	1	1
4	0	1	***	0	0	0	4	0	0	5	0	0	1
5	0	4	0	1	1	1	2	2	3	1	1	0	1
6	0	1	4	3	5	0	3	3	3	0	0	0	2
7	0	3	1	0	3	0	3	3	0	3	1	3	2
8	0	3	***	0	0	3	1	0	0	1	5	0	1
9	1	0	0	1	5	1	0	0	0	5	0	1	1
10	0	1	3	1	3	1	1	3	3	0	1	1	2
11	1	1	1	0	3	3	0	1	1	3	1	3	2
12	4	1	0	0	0	1	4	0	0	1	0	1	1
13	1	1	0	0	2	0	0	3	0	0	0	1	1
14	1	2	***	-	0	7	2	2	0	1	0	0	2
15	0	0	2	3	2	1	2	3	5	0	0	2	2
16	0	5	0	3	0	0	3	0	2	1	1	1	1
17	0	0	3	0	1	1	0	2	2	2	2	0	1
18	0	2	2	0	1	3	0	0	0	3	3	0	1
19	0	1	***	***	0	0	2	3	2	0	5	2	2
20	2	2	0	2	1	3	1	1	2	0	2	2	2
21	3	0	0	0	3	2	0	0	0	0	0	2	1
22	2	1	2	0	2	1	2	0	2	0	0	1	1
23	2	1	0	0	0	0	0	2	0	0	0	2	1
24	0	7	0	0	1	0	2	2	0	0	2	1	1
25	0	1	1	2	0	0	0	0	0	1	2	0	1
26	2	0	1	0	2	0	0	0	2	0	0	2	1
27	0	1	4	0	6	***	***	0	3	1	0	3	2
28	3	1	0	7	2	1	2	1	0	2	1	0	2
29	2	2	1	4	3	0	0	0	2	3	0	0	1
30	1	0	2	2	2	0	0	2	0	2	1	0	1
31	2	2	0	2	2	0	1	0	2	0	3	4	2
MEAN	1	1	1	1	2	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEJS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COMS/1000 FT													
STATION - WC NO 29009 KENILWORTH HAMILTON													
MONTH - AUG 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	2	0	2	0	2	0	2	0	0	1
2	0	2	0	5	0	2	2	0	2	1	2	3	2
3	0	2	0	***	***	2	1	2	1	1	0	2	1
4	0	1	2	0	2	0	0	2	0	0	0	2	1
5	0	2	2	2	1	0	2	0	3	2	0	2	1
6	0	1	3	3	1	0	0	1	0	0	2	0	1
7	4	0	2	0	1	0	0	1	0	2	1	0	1
8	2	0	2	3	2	1	0	1	1	1	0	0	1
9	3	2	0	1	2	0	1	3	0	0	1	2	1
10	0	0	0	1	2	***	***	-	-	-	-	-	*****
11													
12													
13													
14													
15													
16	-	-	-	-	-	-	0	0	3	0	3	2	*****
17	0	0	3	0	0	2	0	1	0	2	2	0	1
18	0	2	2	0	2	0	0	1	1	2	0	0	1
19	0	2	3	3	3	2	1	0	0	1	3	2	2
20	1	0	1	0	2	2	0	2	0	2	2	0	1
21	1	0	2	3	2	1	3	0	1	2	1	2	2
22	0	2	2	2	0	1	2	0	1	0	0	1	1
23	2	0	1	2	1	0	1	2	0	0	4	1	1
24	0	2	2	2	2	0	3	0	2	1	2	2	2
25	0	0	1	2	2	3	2	2	0	0	0	2	1
26	0	4	3	5	1	4	2	3	2	2	1	4	3
27	0	3	1	4	1	3	0	0	2	1	2	0	1
28	0	2	0	0	0	1	0	1	0	2	0	3	1
29	2	4	2	2	0	2	0	2	0	2	1	3	2
30	0	1	2	3	0	4	1	2	0	2	2	0	1
31	2	2	0	2	4	2	4	3	3	4	3	2	3
MEAN	1	1	2	2	1	1	1	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 79.8

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 19.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEJS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - NOV 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	1	0	2	0	3	0	2	2	2	3	2	2	
2	0	2	2	7	2	0	0	2	2	5	3	4	2	
3	5	4	4	5	11	3	3	3	8	6	0	5	5	
4	5	0	3	2	5	2	2	0	4	2	2	1	3	
5	0	0	0	0	0	2	0	1	2	0	0	0	1	
6	2	0	0	0	6	5	2	2	0	2	0	0	1	
7	2	0	0	3	2	3	2	2	4	2	2	3	2	
8	0	0	0	4	0	4	2	2	2	2	2	2	2	
9	2	0	3	3	2	4	0	1	0	2	2	4	2	
10	5	0	3	3	2	4	0	3	2	2	0	0	2	
11	0	0	2	0	2	0	2	0	1	0	0	2	1	
12	2	0	1	0	2	3	3	0	0	0	0	0	1	
13	6	0	6	0	2	2	2	0	2	2	0	0	2	
14	2	1	3	5	0	0	7	2	3	3	0	1	2	
15	3	0	2	2	5	10	3	2	5	2	0	2	3	
16	3	2	4	3	2	2	2	2	0	3	0	2	2	
17	2	5	0	0	5	0	2	2	2	0	1	1	2	
18	0	2	3	2	0	2	0	3	0	0	3	0	1	
19	3	1	0	0	2	2	2	5	0	2	0	5	2	
20	3	2	3	2	0	0	2	3	2	4	8	0	2	
21	2	3	0	2	3	2	3	2	3	2	3	0	2	
22	0	0	3	0	0	0	2	4	2	0	7	2	2	
23	0	2	2	3	3	5	2	3	3	2	2	0	2	
24	3	0	2	0	3	1	2	2	3	0	0	2	2	
25	2	0	1	7	2	6	2	3	0	0	0	2	2	
26	2	0	1	1	4	0	0	1	2	2	2	2	1	
27	3	0	2	2	2	0	2	2	2	3	0	3	2	
28	3	2	0	2	1	2	2	0	4	2	1	0	2	
29	3	2	2	1	3	1	0	3	5	5	3	5	3	
30	0	4	2	7	2	5	5	3	7	3	7	7	4	
MEAN	2	1	2	2	2	2	2	2	2	2	2	2	2.0	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LEJS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - DEC 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	0	5	3	9	1	0	4	0	3	0	2	3	
2	0	2	2	1	0	0	3	0	0	2	0	0	1	
3	2	0	3	0	3	0	4	0	2	0	0	0	1	
4	2	0	3	0	0	0	0	2	5	0	2	1	1	
5	4	2	1	2	2	0	1	4	0	4	2	2	2	
6	4	2	1	2	0	2	0	0	0	0	0	3	1	
7	0	0	3	2	2	0	2	5	1	2	3	2	2	
8	2	0	3	6	6	6	4	4	4	2	0	2	3	
9	2	4	0	6	0	4	2	0	2	2	3	0	2	
10	4	2	4	2	0	3	2	4	3	0	3	2	2	
11	6	0	2	2	2	2	2	7	5	5	3	4	3	
12	4	2	0	6	7	3	0	3	2	2	2	0	3	
13	3	0	5	0	2	3	3	2	3	1	3	0	2	
14	3	5	17	16	7	5	2	4	5	4	2	3	6	
15	2	5	3	0	0	4	3	1	2	2	0	0	2	
16	3	0	5	3	7	1	4	4	0	2	2	2	3	
17	0	2	0	0	2	2	2	2	0	0	3	3	1	
18	0	0	1	3	2	0	3	3	3	2	5	0	2	
19	3	0	5	0	4	2	1	4	2	5	0	5	3	
20	0	2	2	1	0	2	0	5	7	3	0	4	2	
21	0	1	4	3	6	1	0	4	3	0	2	2	2	
22	2	0	1	5	0	3	0	4	0	2	3	2	2	
23	0	2	0	2	2	2	2	2	2	0	3	2	2	
24	6	2	2	5	1	3	0	8	2	5	3	0	3	
25	2	2	1	1	1	2	5	1	0	3	1	3	2	
26	0	3	0	0	4	3	0	3	2	3	1	3	2	
27	0	2	1	5	0	3	0	0	2	2	3	0	2	
28	0	2	2	1	0	2	3	2	2	0	5	0	2	
29	0	2	2	4	0	2	0	0	3	4	1	0	2	
30	2	3	****	6	2	5	2	5	5	2	3	2	3	
31	3	2	2	2	4	4	3	2	3	2	2	3	3	
MEAN	2	2	3	3	2	2	2	3	2	2	2	2	2.2	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LEJS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON													MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	1	2	0	3	0	0	1	0	2	2	0	1	
2	4	2	2	0	3	5	2	0	4	0	2	2	2	
3	2	0	2	1	4	8	3	4	4	2	3	4	3	
4	2	5	3	3	3	6	2	2	3	6	5	6	4	
5	8	6	3	2	6	4	0	0	3	2	7	8	4	
6	6	12	6	8	10	4	0	7	9	2	6	6	6	
7	3	8	4	8	3	5	2	1	2	2	7	8	4	
8	4	4	6	6	5	3	3	0	2	6	4	1	4	
9	5	0	0	0	2	0	3	5	2	6	10	13	4	
10	9	14	12	14	8	8	6	2	4	2	2	4	7	
11	0	1	2	0	2	0	3	0	3	1	4	4	2	
12	3	4	4	4	2	0	2	2	6	2	2	2	3	
13	5	3	4	4	4	7	3	5	5	6	8	4	5	
14	4	2	11	5	9	7	3	5	7	5	6	9	6	
15	4	6	2	4	2	1	5	2	2	5	0	2	3	
16	0	3	1	0	7	1	0	2	2	2	3	2	2	
17	0	3	1	0	2	4	0	4	4	7	2	4	3	
18	1	2	0	3	2	2	2	4	4	0	2	1	2	
19	7	3	2	2	2	3	2	2	1	2	3	0	2	
20	0	2	2	0	6	0	1	2	5	5	3	8	3	
21	3	3	5	4	9	5	0	0	1	4	2	0	3	
22	2	3	0	2	1	1	3	0	2	1	2	2	2	
23	3	2	4	4	2	3	2	2	4	4	4	6	3	
24	9	4	7	4	6	5	3	3	7	7	7	3	5	
25	5	0	11	4	4	3	2	3	2	2	0	3	3	
26	0	4	2	2	2	2	0	1	2	2	4	2	2	
27	2	2	2	3	2	3	3	2	2	2	2	2	2	
28	5	10	2	3	3	6	3	2	0	1	2	2	3	
29	2	5	0	4	1	2	3	3	0	2	2	0	2	
30	4	0	1	2	2	0	2	5	1	4	0	2	2	
31	2	1	1	3	2	0	2	0	5	2	2	0	2	
MEAN	3	4	3	3	4	3	2	2	3	3	3	4	3.2	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON													MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	4	1	1	3	0	0	0	2	2	1	1	
2	3	3	0	5	3	0	1	3	2	2	5	1	2	
3	4	1	2	4	2	3	1	2	3	0	1	4	2	
4	2	1	2	3	3	1	0	2	1	2	0	5	2	
5	0	4	0	4	1	2	0	1	0	2	1	0	2	
6	0	2	2	2	1	0	0	2	2	1	0	4	1	
7	0	5	0	0	3	0	2	2	2	1	5	1	2	
8	6	4	3	5	4	2	4	7	3	1	3	3	4	
9	3	4	2	6	3	4	6	2	5	4	3	5	4	
10	4	4	7	7	3	2	0	6	5	3	8	6	5	
11	3	7	3	2	2	5	5	2	2	2	7	3	4	
12	6	2	0	3	2	4	2	5	3	3	6	2	3	
13	7	0	2	2	2	0	2	4	0	1	0	2	2	
14	****	***	****	****	****	****	****	0	0	2	1	2	*****	
15	3	2	2	2	1	2	2	0	2	2	0	2	2	
16	0	2	2	1	1	1	0	2	2	0	0	2	1	
17	0	0	2	2	1	0	5	4	0	0	3	5	2	
18	2	2	2	2	0	4	1	5	8	3	4	5	3	
19	5	9	3	6	4	3	7	2	0	2	0	1	4	
20	2	0	2	3	0	3	0	2	5	2	1	0	2	
21	****	2	0	0	0	1	0	2	0	4	2	2	1	
22	3	1	5	5	7	3	2	2	6	3	7	5	4	
23	6	3	3	7	2	2	4	0	3	2	3	1	3	
24	2	2	4	1	4	3	7	8	3	2	2	3	3	
25	3	3	1	3	3	0	2	0	4	0	2	1	2	
26	0	0	0	2	2	0	0	2	0	4	0	0	1	
27	2	5	3	0	2	5	6	2	1	3	0	3	3	
28	0	0	2	3	2	4	0	1	2	2	4	2	2	
MEAN	3	3	2	3	2	2	2	3	2	2	3	3	2.4	

PERCENTAGE OF DATA VALID - 97.6

PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON													MONTH - MAY 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	2	7	0	5	0	4	2	3	3	****	3	3
2	***	***	***	***	***	***	***	0	0	3	2	2	***	3
3	0	0	2	3	0	2	2	0	2	2	2	2	***	3
4	2	2	2	3	2	0	0	0	2	2	2	2	2	2
5	3	3	3	5	2	2	2	5	0	0	8	0	1	1
6	3	6	2	0	2	0	2	0	2	1	2	2	3	3
7	0	1	0	2	0	2	1	5	5	0	7	1	2	2
8	3	0	2	6	3	2	2	2	4	0	0	0	2	2
9	2	0	2	0	0	0	0	3	1	2	0	2	1	1
10	0	2	4	2	0	2	2	2	3	3	1	2	2	2
11	3	0	2	2	7	3	5	3	3	5	3	3	3	3
12	3	5	3	2	5	3	3	2	3	2	2	2	3	3
13	5	5	2	2	3	5	0	0	2	5	2	7	3	3
14	1	5	5	2	2	10	3	5	0	1	2	7	4	4
15	1	3	0	5	0	2	0	2	2	1	2	3	2	2
16	3	2	3	7	7	3	9	6	9	2	4	3	5	5
17	7	6	2	5	7	5	6	3	3	2	3	3	4	4
18	5	2	7	***	4	3	5	2	0	1	2	3	3	3
19	1	6	6	2	2	2	5	0	4	2	2	3	3	3
20	3	9	9	8	11	7	3	5	3	5	9	5	6	6
21	7	11	2	3	3	3	5	7	3	3	3	2	4	4
22	6	2	4	2	2	2	1	3	6	7	2	5	4	4
23	2	3	3	3	5	0	2	0	3	2	3	2	2	2
24	5	3	3	-	-	2	3	5	2	0	5	2	3	3
25	2	5	7	5	3	3	3	5	5	9	4	0	4	4
26	1	5	2	2	2	3	2	0	0	3	5	3	2	2
27	3	5	3	7	2	3	2	3	2	1	4	2	3	3
28	2	3	3	3	2	2	3	0	1	8	8	0	3	3
29	1	1	2	2	1	2	2	1	5	0	4	3	2	2
30	3	3	2	3	2	3	4	2	3	4	4	5	3	3
31	8	5	2	3	7	5	3	0	3	2	7	7	4	4
MEAN	3	4	3	3	3	3	3	3	3	3	3	3	2.9	2.9

PERCENTAGE OF DATA VALID - 97.0

PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON													MONTH - JUN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	6	3	2	3	2	4	7	3	0	3	3	1	3	3
2	2	0	3	***	2	0	2	1	1	0	2	3	1	1
3	3	3	3	5	2	0	2	2	2	0	2	2	2	2
4	0	2	2	2	2	2	2	5	3	1	2	0	2	2
5	3	2	3	1	2	1	3	6	2	6	0	3	3	3
6	0	3	2	0	3	0	3	2	0	0	2	1	1	1
7	0	0	0	1	2	0	3	0	0	0	0	2	1	1
8	0	0	2	3	2	0	0	1	0	3	0	2	1	1
9	1	2	1	2	1	5	3	2	3	0	3	0	1	1
10	1	0	0	3	2	3	2	3	4	1	3	1	2	2
11	5	3	1	2	3	2	0	1	1	2	1	2	2	2
12	2	1	2	0	0	3	2	0	4	2	2	0	2	2
13	2	1	1	2	3	3	2	6	2	0	2	2	2	2
14	1	7	2	3	***	3	9	18	4	2	2	2	5	5
15	3	3	2	3	5	2	5	2	5	4	4	1	3	3
16	3	3	1	7	3	5	4	3	3	2	0	5	3	3
17	3	0	2	5	6	3	2	2	2	0	0	1	2	2
18	7	4	0	2	1	2	1	2	2	0	0	0	2	2
19	2	2	2	1	0	0	0	2	1	0	2	2	1	1
20	2	1	5	***	0	2	0	3	2	2	2	4	2	2
21	1	2	2	4	3	2	2	3	0	3	0	4	2	2
22	5	2	2	0	4	2	3	4	2	1	0	2	2	2
23	6	6	3	4	1	2	4	3	7	4	2	2	4	4
24	3	5	2	8	2	5	3	2	3	3	6	2	4	4
25	3	2	0	3	5	3	4	1	2	2	4	3	3	3
26	1	1	3	0	1	3	2	2	6	2	0	2	2	2
27	2	3	4	3	***	1	1	3	3	3	1	3	2	2
28	5	3	9	***	5	0	0	0	0	1	0	0	2	2
29	0	1	1	0	***	1	0	3	5	2	0	5	2	2
30	0	1	0	1	1	3	0	1	1	0	3	0	1	1
MEAN	2	2	2	3	2	2	2	3	2	2	2	2	2.2	2.2

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON													MONTH - SEP 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	2	3	4	2	0	2	2	1	2	2	0	2	
2	2	5	2	3	3	3	3	0	0	1	2	2	2	
3	5	0	0	0	0	2	3	0	3	0	0	2	1	
4	4	2	2	3	1	4	2	3	0	4	2	0	2	
5	2	0	2	2	0	3	2	1	1	2	2	0	1	
6	0	0	2	2	1	2	0	2	0	2	2	2	1	
7	2	1	0	3	***	2	1	2	2	8	0	2	2	
8	3	1	4	3	1	1	0	0	0	0	0	2	1	
9	5	4	11	2	2	1	0	0	1	2	0	2	3	
10	2	0	2	0	0	2	0	2	0	1	2	0	1	
11	0	4	0	0	0	2	2	1	2	4	2	0	1	
12	7	3	5	3	2	4	3	0	3	2	2	4	3	
13	7	6	4	2	5	3	2	0	2	3	3	3	3	
14	1	2	5	1	1	2	0	0	1	0	2	2	1	
15	7	2	7	11	2	1	2	2	3	1	7	4	4	
16	2	4	2	8	3	3	5	3	4	2	4	2	4	
17	3	1	2	3	2	2	0	2	0	2	3	4	2	
18	1	4	3	2	2	1	3	4	2	0	5	1	3	
19	5	0	5	5	2	2	3	5	2	2	5	1	3	
20	4	2	0	5	0	2	2	0	3	0	2	4	2	
21	0	0	1	3	7	3	3	3	2	2	0	0	2	
22	0	0	0	3	0	4	0	5	3	2	3	1	2	
23	3	5	3	2	3	1	0	2	0	2	4	1	2	
24	5	3	6	6	2	4	7	2	5	3	1	0	4	
25	2	2	0	1	3	2	3	2	2	0	2	0	2	
26	2	2	3	12	2	4	2	0	0	0	2	0	2	
27	3	2	0	2	3	0	4	***	0	4	4	0	2	
28	2	1	0	2	2	2	2	1	1	0	2	4	2	
29													-	
30													-	
													- DATA UNAVAILABLE -	
													- DATA UNAVAILABLE -	
MEAN	3	2	3	3	2	2	2	2	2	2	2	2	2.2	

PERCENTAGE OF DATA VALID - 92.8 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 6.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON													MONTH - OCT 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1													-	
2													-	
3													-	
4	1	2	0	2	0	2	1	3	0	2	9	3	2	
5	4	3	4	7	0	2	0	5	0	5	0	2	3	
6	2	3	2	6	1	2	0	1	3	0	0	2	2	
7	3	1	1	3	0	2	2	2	0	2	2	5	2	
8	3	5	2	4	0	0	1	0	1	3	0	2	2	
9	2	3	2	1	2	4	1	0	0	2	1	0	2	
10	2	3	0	1	0	2	3	2	0	2	3	3	2	
11	3	4	9	8	5	2	3	4	0	3	3	3	4	
12	0	5	2	3	0	3	2	2	0	2	3	3	2	
13	4	0	4	4	3	0	0	3	3	4	2	2	2	
14	7	3	7	9	7	3	1	7	2	3	5	13	6	
15	9	5	9	5	2	2	5	3	3	4	5	4	5	
16	0	1	2	1	0	0	5	0	0	0	0	0	1	
17	0	0	2	0	3	0	3	0	4	2	0	9	2	
18	2	4	0	3	6	0	3	4	1	8	5	2	3	
19	5	2	11	5	8	5	3	0	12	6	3	2	5	
20	6	5	7	5	4	0	2	5	2	7	3	6	4	
21	5	13	7	10	4	4	2	3	2	6	7	5	6	
22	5	4	3	2	3	1	2	1	2	1	1	2	2	
23	0	2	0	2	2	0	5	0	0	0	2	2	1	
24	2	2	4	8	5	2	3	1	6	3	3	6	4	
25	9	7	15	13	11	11	8	6	8	7	7	3	9	
26	2	3	7		0	0	5	2	3	5	2	3	3	
27	6	5	6	5	6	7	0	3	2	3	2	2	3	
28	0	2	3	5	2	4	1	3	0	4	3	3	2	
29	4	2	0	2	4	2	0	0	0	7	5	3	2	
30	4	5	0	0	2	2	0	0	0	7	5	3	2	
31	2	9	8	15	4	3	2	2	3	2	5	2	5	
MEAN	3	4	4	5	3	2	2	2	2	3	3	3	3.1	

PERCENTAGE OF DATA VALID - 91.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 8.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON

MON	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.2	7	14
FEB	27	2.4	5	9
MAR	30	2.7	8	16
APR	30	3.1	9	16
MAY	30	2.9	6	11
JUN	30	2.2	5	18
JUL	31	2.3	4	9
AUG	31	1.9	3	9
SEP	28	2.2	4	12
OCT	28	3.1	9	15
NOV	30	2.7	6	16
DEC	16	2.9	5	10
YEAR	342	2.6	9	18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	285	80	7	0	0	0	0	372
FEB	279	49	0	0	0	0	0	328
MAR	291	59	7	1	0	0	0	358
APR	278	64	14	2	0	0	0	358
MAY	276	83	2	0	0	0	0	361
JUN	316	37	0	1	0	0	0	354
JUL	309	55	0	0	0	0	0	364
AUG	346	21	0	0	0	0	0	367
SEP	301	30	3	0	0	0	0	334
OCT	254	78	9	0	0	0	0	341
NOV	282	71	4	1	0	0	0	358
DEC	152	44	0	0	0	0	0	196
YEAR	3369	671	46	5	0	0	0	4091

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
93.4	0	0.0	1.0	1.7	2.7	5.1	6.7	8.6	10.5	18	2.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

UNITS - 0.1 COHS/1000 FT

MONTH - JAN 77

[illegible]

PERCENTAGE OF DATA VALID - 93.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 5.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

UNITS - 0.1 COHS/1000 FT

MONTH - FEB 77

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5	2	1	0	2	2	1	3	6		1	5	0	2
6	4	0	0	1	0	0	4	1	0	0	3	0	1
7	0	0	0	1	4	1	3	2	2	5	3	0	2
8	7	0	2	4	4	6	7	7	4	1	3	2	4
9	4	1	4	5	2	5	4	1	4	0	1	4	3
10	5	6	2	2	16	8	8	7	10	8	8	12	8
11	2	4	3	0	5	0	3	2	3	3	2	2	5
12	2	2	1	4	2	6	6	10	8	4	7	6	2
13	2	2	2	1	2	0	0	1	0	2	2	4	2
14	2	0	0	0	2	****	2	0	2	2	2	2	2
15	0	4	0	2	2	3	4	1	4	2	2	3	2
16	1	3	0	2	4	2	2	4	4	2	2	3	3
17	1	2	0	2	5	5	4	2	6	4	3	4	4
18	4	3	1	6	3	5	4	5	6	3	3	4	3
19	7	3	6	2	1	1	2	1	6	0	1	2	4
20	2	6	1	4	0	1	0	3	3	0	2	1	2
21	1	1	2	3	1	0	0	2	2	2	1	2	1
22	4	3	3	2	4	4	2	4	7	8	8	3	4
23	6	2	6	4	8	2	5	5	4	3	6	8	5
24	8	7	6	4	9	7	10	18	10	2	1	0	7
25	2	1	3	2	1	2	2	2	4	1	3	0	2
26	1	0	2	3	2	1	1	2	1	3	2	5	2
27	2	2	2	2	0	6	4	1	2	0	5	1	2
28	0	0	0	0	2	0	4	0	0	2	0	1	1
MEAN	3	2	2	2	3	3	3	3	4	2	3	3	2.0

PERCENTAGE OF DATA VALID - 87.5 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 12.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. " - " INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29015 MERRICK ST HAMILTON													MONTH - MAR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	4	2	2	5	3	2	4	2	4	0	3	
2	3	2	0	0	2	3	0	3	2	2	2	3	2	
3	2	4	2	5	5	***	13	9	7	6	4	0	5	
4	4	5	0	5	4	7	5	10	9	1	1	2	4	
5	0	4	1	0	2	0	1	5	5	1	0	0	2	
6	3	2	2	2	0	0	0	3	2	1	2	2	2	
7	0	2	0	0	5	0	2	1	3	3	1	0	1	
8	3	0	1	3	3	2	3	5	3	0	4	2	2	
9	2	2	3	3	4	2	2	5	2	1	0	0	2	
10	3	2	1	4	***	2	3	2	4	6	11	12	5	
11	9	4	7	16	14	9	12	12	11	7	3	5	9	
12	5	5	5	3	5	13	13	9	9	8	8	6	7	
13	9	7	3	6	4	2	2	0	0	2	1	2	3	
14	1	0	1	2	1	1	3	2	2	2	2	3	2	
15	5	10	3	11	8	9	7	7	11	8	3	2	7	
16	3	1	1	1	0	2	1	2	2	2	1	2	2	
17	0	0	0	1	2	0	1	2	3	2	2	2	1	
18	2	2	5	3	4	2	2	0	4	4	3	3	3	
19	0	2	2	3	0	1	3	3	4	2	2	4	2	
20	2	1	2	5	3	5	3	2	2	1	2	3	3	
21	0	4	0	7	***	0	2	2	4	3	2	2	2	
22	2	5	2	8	0	5	3	0	3	2	2	0	3	
23	0	2	0	2	3	2	1	1	2	3	0	1	1	
24	2	0	0	2	1	2	2	2	2	2	4	2	2	
25	0	2	1	2	1	4	3	2	2	2	3	2	2	
26	1	1	5	2	3	2	2	0	2	3	4	1	2	
27	3	5	9	2	5	3	1	9	6	3	2	2	4	
28	6	4	6	9	***	9	13	15	11	18	7	6	9	
29	7	9	2	6	11	2	0	3	0	2	1	2	4	
30	1	9	6	12	9	10	0	6	0	0	2	0	5	
31	1	0	0	0	0	2	2	0	2	0	0	0	1	
MEAN	3	3	2	4	4	4	3	4	4	3	3	2	3.2	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29015 MERRICK ST HAMILTON													MONTH - APR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	1	2	3	5	6	7	5	6	5	3	4	4	
2	2	2	2	0	3	2	7	7	8	7	5	0	4	
3	0	2	3	2	0	1	0	0	1	2	1	3	1	
4	3	1	5	3	***	7	3	9	4	6	4	8	5	
5	3	2	2	0	1	4	1	1	2	2	0	0	2	
6	0	2	2	1	7	1	1	1	5	0	0	2	2	
7	1	2	2	1	1	3	6	2	4	2	0	1	2	
8	2	3	1	0	2	1	1	0	0	1	0	2	1	
9	1	0	1	2	2	2	2	3	1	1	0	5	2	
10	2	2	2	2	3	0	2	1	3	2	4	44	6	
11	15	11	14	4	3	2	2	2	2	2	3	2	5	
12	3	0	2	6	4	2	0	2	2	0	0	2	2	
13	4	2	4	0	2	3	4	0	0	0	3	2	2	
14	0	2	2	2	4	3	2	2	3	2	4	0	2	
15	1	6	3	5	4	8	5	2	9	15	0	3	5	
16	1	2	2	3	4	6	3	5	0	3	1	3	3	
17	2	6	5	2	0	4	2	4	4	2	2	7	3	
18	5	7	4	8	11	10	4	7	19	15	9	9	9	
19	9	7	8	8	7	3	5	14	9	7	9	8	8	
20	10	10	13	11	17	8	***	8	8	4	15	12	11	
21	2	0	2	4	2	6	0	3	2	3	3	0	2	
22	0	5	0	2	3	0	0	2	0	5	0	6	2	
23	0	6	3	3	3	2	5	3	3	3	0	2	3	
24	2	2	2	0	3	1	2	3	2	0	3	0	2	
25	2	0	0	0	3	3	2	5	6	1	2	2	2	
26	7	5	3	6	2	5	4	9	2	3	0	2	4	
27	0	0	2	3	1	0	3	2	0	1	0	4	1	
28	3	0	3	7	0	2	4	2	1	2	1	2	2	
29	2	3	2	3	0	1	2	0	4	2	0	2	2	
30	2	0	2	3	2	2	0	2	2	3	0	4	2	
MEAN	3	3	3	3	3	3	3	4	4	3	2	5	3.3	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29015 MERRICK ST HAMILTON													MONTH - JUL 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	1	0	1	1	0	0	3	2	1	0	1	1	1
2	0	0	0	0	0	1	1	1	0	0	0	1	0	0
3	0	3	1	5	3	9	9	5	0	2	1	0	3	3
4	1	1	3	***	***	3	5	1	4	1	0	3	2	2
5	5	0	3	3	1	3	7	5	3	7	4	7	4	4
6	3	0	5	5	9	7	3	5	3	0	7	3	4	4
7	5	3	1	3	2	4	5	3	6	2	1	5	3	3
8	0	1	3	5	0	1	3	0	1	3	0	0	1	1
9	3	0	2	0	0	0	0	1	0	1	1	0	1	1
10	0	0	0	0	0	1	5	3	3	7	1	5	2	2
11	7	3	1	5	1	5	7	9	5	5	5	10	5	5
12	3	3	0	1	3	1	0	0	2	0	0	1	1	1
13	0	0	5	1	0	0	1	1	0	0	0	3	1	1
14	1	1	5	***	-	4	2	8	6	2	0	6	3	3
15	0	2	3	4	4	4	2	4	2	3	0	4	3	3
16	2	2	0	4	4	2	2	4	2	2	1	0	2	2
17	0	5	1	2	2	2	2	2	1	2	2	1	2	2
18	0	0	2	3	1	1	0	3	3	2	1	7	2	2
19	0	0	2	***	***	3	0	3	2	2	2	0	1	1
20	2	4	3	2	1	2	3	2	3	1	3	4	3	3
21	3	0	2	2	3	3	0	2	1	2	0	4	2	2
22	3	2	1	0	2	0	5	0	2	3	2	0	2	2
23	0	5	2	0	2	2	1	2	2	2	2	2	2	2
24	0	4	0	2	2	2	1	0	2	3	6	2	2	2
25	1	0	6	2	0	0	1	4	0	2	0	2	2	2
26	0	4	0	3	0	0	3	0	0	2	0	2	1	1
27	2	1	5	5	5	***	***	1	2	0	4	0	3	3
28	5	2	8	8	8	4	-	16	7	3	2	3	5	5
29	5	8	3	8	4	4	5	3	2	6	3	2	4	4
30	0	4	2	0	3	2	2	3	5	2	2	3	2	2
31	0	4	2	3	5	5	2	2	2	2	0	0	2	2
MEAN	2	2	2	3	2	2	3	3	2	2	2	3	2.3	

PERCENTAGE OF DATA VALID - 97.6

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29015 MERRICK ST HAMILTON													MONTH - AUG 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	2	0	3	2	0	0	1	2	0	4	1	1
2	3	2	0	3	3	1	0	2	2	1	0	2	2	2
3	2	3	2	***	***	1	3	0	3	0	3	2	2	2
4	3	0	0	3	0	0	1	3	2	3	2	2	2	2
5	6	0	1	2	0	2	0	2	3	0	2	2	2	2
6	2	0	5	1	2	2	0	5	2	1	2	3	2	2
7	1	0	0	3	0	3	2	3	2	2	0	3	2	2
8	3	0	2	3	0	1	1	2	1	0	3	4	2	2
9	0	0	4	4	8	1	4	4	7	0	4	6	4	4
10	3	2	2	3	2	***	***	-	-	-	-	-	*****	
11														
12														
13														
14														
15														
16	-	-	-	-	***	5	2	3	2	4	4	2	*****	
17	3	0	2	2	2	2	0	4	0	4	3	3	2	2
18	0	0	0	2	2	2	1	2	2	0	4	1	1	1
19	2	4	2	5	3	0	1	1	2	0	0	2	2	2
20	0	0	0	0	2	2	2	2	1	1	2	2	1	1
21	1	4	2	2	2	3	2	0	0	0	2	2	2	2
22	0	0	0	1	3	1	4	0	0	2	2	1	1	1
23	1	1	0	3	1	2	1	2	2	2	2	1	2	2
24	2	1	2	0	5	2	2	2	0	2	0	0	2	2
25	2	0	2	1	2	2	4	3	3	0	3	2	2	2
26	4	5	3	8	7	4	7	6	2	6	2	5	5	5
27	4	3	6	6	2	2	3	0	2	0	2	2	3	3
28	3	2	0	2	0	4	0	3	0	1	1	1	1	1
29	5	1	0	2	0	0	1	2	2	0	0	0	2	2
30	3	0	3	2	0	4	***	9	1	2	5	3	3	3
31	5	2	2	2	4	4	10	4	8	6	5	3	5	5
MEAN	2	1	2	3	2	2	2	3	2	2	2	2	2.1	

PERCENTAGE OF DATA VALID - 79.8

PERCENTAGE OF DATA INVALID - 1.6

PERCENTAGE OF DATA UNAVAILABLE - 18.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29015 MERRICK ST HAMILTON													MONTH - NOV 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	0	2	0	0	0	2	5	1	1	2	1	
2	0	0	0	2	0	2	0	0	5	0	5	5	2	
3	3	6	7	9	4	5	5	7	5	3	0	2	4	
4	4	9	6	6	10	2	4	6	3	1	0	2	4	
5	3	3	0	7	3	7	3	4	9	2	3	5	4	
6	2	2	0	3	0	1	3	5	2	3	2	5	2	
7	5	5	5	3	3	5	2	9	3	5	3	7	5	
8	3	7	5	4	3	2	4	2	2	0	0	0	3	
9	3	3	2	1	5	0	9	5	3	2	2	2	3	
10	2	7	7	4	5	0	2	2	4	1	2	0	3	
11	0	0	2	0	0	0	2	0	2	2	2	0	1	
12	3	2	3	0	0	0	2	0	3	0	2	0	1	
13	2	2	0	0	4	0	2	2	0	2	2	0	1	
14	3	0	5	4	0	2	5	5	7	2	1	7	3	
15	0	2	2	4	1	2	4	6	5	3	3	0	3	
16	1	2	4	4	3	5	2	3	2	4	1	2	3	
17	2	2	1	0	2	2	2	2	3	3	2	2	2	
18	0	0	2	1	3	1	3	0	2	1	2	3	2	
19	2	0	2	1	0	0	2	0	0	3	0	5	1	
20	7	6	4	5	3	5	3	5	6	9	2	3	5	
21	0	3	0	4	0	0	2	2	2	0	1	1	1	
22	2	0	0	2	0	0	4	3	1	2	5	3	2	
23	7	9	0	3	4	7	3	7	3	5	5	3	5	
24	0	2	0	1	0	1	2	2	0	0	7	0	1	
25	0	2	4	4	2	5	6	9	3	0	2	4	3	
26	2	2	0	0	2	0	2	3	0	0	3	0	1	
27	0	1	0	2	0	2	3	3	5	5	7	5	3	
28	8	2	5	2	2	2	3	3	1	3	3	0	3	
29	3	2	3	5	7	5	2	7	9	5	5	9	5	
30	5	9	7	3	5	6	3	9	7	9	6	13	7	
MEAN	2	3	3	3	2	2	3	4	3	3	3	3	2.8	

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEJS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29015 MERRICK ST HAMILTON													MONTH - DEC 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	9	9	7	11	9	4	0	2	2	0	2	0	5	
2	2	3	0	0	0	0	0	2	2	2	2	0	1	
3	1	2	0	2	2	2	0	0	3	0	2	0	1	
4	1	2	2	3	2	3	0	0	0	3	2	0	2	
5	3	3	2	5	1	8	5	0	5	3	2	0	3	
6	0	0	3	0	0	5	5	2	0	0	3	0	2	
7	1	0	3	0	0	3	0	2	0	2	3	0	1	
8	5	2	3	2	5	7	5	6	9	5	3	3	5	
9	7	0	3	4	0	3	0	3	0	2	5	0	2	
10	3	0	0	2	2	6	2	2	0	7	3	5	3	
11	0	5	2	5	3	5	0	3	2	6	6	7	4	
12	7	9	3	11	9	2	3	2	0	3	2	0	4	
13	2	3	0	5	1	5	5	3	3	5	1	5	3	
14	2	6	5	13	11	9	5	3	5	3	5	2	6	
15	4	0	3	4	3	2	3	2	5	2	3	1	3	
16	3	0	2	5	7	8	4	5	7	5	9	1	5	
17	3	3	0	6	0	6	4	5	4	3	3	3	3	
18	0	6	3	2	2	2	3	2	10	5	5	3	4	
19	4	7	4	2	9	5	7	6	8	7	3	7	6	
20	5	4	5	3	2	10	9	6	16	5	4	0	6	
21	5	0	3	2	5	3	3	0	2	5	3	3	3	
22	2	1	2	3	2	3	2	4	1	3	2	2	2	
23	2	0	1	2	0	3	3	0	2	3	2	3	2	
24	1	2	0	4	5	4	5	8	7	2	6	2	4	
25	0	3	0	2	0	0	2	3	3	0	2	2	1	
26	0	2	0	2	2	2	0	3	0	2	0	2	1	
27	2	0	5	2	1	2	2	1	2	4	0	2	3	
28	3	0	2	1	2	2	4	0	3	2	2	3	2	
29	3	0	5	0	3	0	0	5	2	4	2	5	2	
30	6	3	4	6	2	4	4	6	5	3	6	3	4	
31	3	2	2	5	2	3	5	4	3	2	2	5	3	
MEAN	3	2	2	4	3	4	3	3	4	3	3	2	3.0	

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEJS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COHS/1000 FT						
STATION - WC NO 29017			CHATHAM/FRID HAMILTON				MONTH - JAN 77						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	4	0	2	3	0	2	2	1	4	2	1	2
2	3	7	2	2	2	2	2	3	2	5	2	5	3
3	2	5	2	5	5	7	5	5	1	3	4	2	4
4	2	6	2	4	5	2	1	3	7	1	11	8	4
5	4	3	5	7	6	4	0	0	5	8	10	13	5
6	12	10	2	11	13	3	5	8	15	10	3	4	8
7	5	6	5	5	9	2	8	2	2	3	3	2	4
8	6	7	7	6	8	2	0	5	4	3	4	4	5
9	3	2	2	0	3	1	1	2	3	3	4	6	3
10	9	7	9	8	6	5	6	8	4	4	2	8	6
11	7	7	5	0	3	2	4	2	3	8	3	4	4
12	4	5	3	3	8	2	***	0	8	3	5	4	4
13	4	2	4	5	6	3	3	6	5	7	4	2	4
14	7	7	7	11	11	3	3	5	9	7	6	8	7
15	4	5	2	1	5	2	2	5	2	2	3	1	3
16	0	0	2	3	0	2	3	2	1	2	2	0	1
17	2	1	2	3	2	5	2	2	5	3	0	1	2
18	1	0	3	2	2	2	4	4	2	3	0	1	2
19	2	2	0	3	3	4	3	2	2	0	1	2	2
20	0	1	2	2	4	****	0	5	3	2	5	7	3
21	7	3	7	3	5	2	0	1	2	2	3	1	3
22	3	1	2	0	0	0	3	2	2	1	0	0	1
23	2	4	1	2	2	1	3	5	3	1	0	0	2
24	1	0	1	0	1	0	****	****	****	****	****	****	*****
25							- DATA INVALID -						
26							- DATA INVALID -						
27							- DATA INVALID -						
28							- DATA INVALID -						
29							- DATA INVALID -						
30							- DATA INVALID -						
31							- DATA INVALID -						
MEAN	4	4	3	4	5	2	3	3	4	4	3	4	3.6

PERCENTAGE OF DATA VALID - 75.3 PERCENTAGE OF DATA INVALID - 47.3 PERCENTAGE OF DATA UNAVAILABLE --22.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LEJ5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COHS/1000 FT							
STATION - WC			NO 29017		CHATHAM/FRID		HAMILTON		MONTH - FEB 77					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1							- DATA INVALID -							
2							- DATA INVALID -							
3							- DATA INVALID -							
4	****	****	****	****	****	****	3	3	4	3	2	2	*****	
5	2	0	1	1	0	1	2	0	1	0	0	1	1	
6	4	1	2	1	2	1	0	0	1	0	1	1	1	
7	4	3	1	1	0	2	1	3	2	2	3	2	2	
8	5	4	2	4	7	1	4	3	4	3	4	4	4	
9	5	4	4	7	2	5	4	2	6	4	3	4	4	
10	2	4	5	9	13	5	0	3	5	5	7	9	6	
11	2	3	2	3	3	3	3	2	3	3	4	2	3	
12	2	2	1	3	2	1	5	0	3	1	3	4	2	
13	4	4	2	2	2	0	1	2	1	0	1	1	2	
14	0	0	1	0	5	****	0	0	2	0	2	2	1	
15	0	2	2	2	1	3	2	0	3	2	0	2	2	
16	2	1	0	2	0	3	2	5	4	1	0	0	2	
17	2	0	4	2	2	3	2	2	2	1	0	3	2	
18	2	3	2	2	2	3	3	4	3	0	3	3	3	
19	5	4	4	5	6	6	2	0	0	0	2	0	3	
20	2	1	1	0	3	3	2	0	2	2	2	1	2	
21	1	0	0	2	1	****	0	0	3	2	3	2	1	
22	2	2	7	2	2	5	4	6	6	3	2	5	4	
23	5	5	2	2	2	3	0	0	****	****	****	****	2	
24	****	****	****	****	****	****	****	****	****	****	****	****	*****	
25	2	1	2	2	0	0	2	0	2	0	0	2	1	
26	2	0	2	5	2	0	1	0	1	1	3	0	1	
27	7	2	2	4	****	4	7	3	4	0	0	0	3	
28	1	2	0	2	3	1	2	3	1	1	0	0	1	
MEAN	3	2	2	3	3	3	2	2	3	1	2	2	2.2	

PERCENTAGE OF DATA VALID - 82.7 PERCENTAGE OF DATA INVALID - 28.0 PERCENTAGE OF DATA UNAVAILABLE --10.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LEJ5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29017 CHATHAM/FRID HAMILTON													MONTH - MAY 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	2	0	1	0	2	0	1	2	2	3	0	1	
2	0	2	0	3	4	2	***	0	1	0	1	3	1	
3	3	0	2	2	0	2	0	2	6	2	2	0	2	
4	2	0	0	2	0	0	5	0	2	0	3	3	1	
5	0	3	4	5	2	3	4	7	0	2	4	6	3	
6	2	3	0	2	2	1	0	0	2	1	0	0	1	
7	2	0	1	0	0	0	0	3	0	2	1	2	0	
8	0	1	3	0	***	0	2	2	1	0	0	2	1	
9	2	1	2	3	***	1	0	1	0	3	1	0	1	
10	0	0	1	5	0	0	0	0	0	3	0	2	2	
11	0	5	0	3	0	5	0	0	0	3	0	0	1	
12	2	2	3	0	1	3	1	0	0	0	3	1	2	
13	3	3	0	1	1	1	3	0	1	3	1	1	2	
14	3	3	3	1	0	3	0	1	1	1	0	0	1	
15	1	0	3	1	1	5	2	0	2	0	0	0	2	
16	2	0	0	1	0	5	9	0	0	3	1	1	1	
17	0	3	0	1	1	1	3	0	0	0	3	0	1	
18	0	3	3	***	0	1	0	5	3	0	2	1	1	
19	1	0	1	3	3	1	0	1	3	0	5	7	2	
20	0	1	2	1	0	0	1	0	0	1	1	2	4	
21	5	3	5	3	3	6	5	2	3	5	1	3	2	
22	1	1	1	0	3	0	0	1	3	5	3	3	1	
23	0	0	3	0	3	0	3	0	0	1	1	1	2	
24	0	3	1	***	-	-	3	1	1	1	5	1	2	
25	1	1	3	1	3	0	1	0	5	0	3	3	1	
26	0	0	0	0	0	1	0	1	3	0	5	1	2	
27	3	9	3	1	3	7	0	0	1	0	1	0	1	
28	1	0	1	0	1	1	0	1	1	0	1	0	1	
29	1	0	1	0	1	0	5	0	3	0	1	1	1	
30	0	1	1	0	1	0	0	0	0	0	0	0	1	
31	3	1	1	3	1	1	1	0	1	1	1	3	1.5	
MEAN	1	2	2	2	1	2	2	1	1	1	2	1		

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29017 CHATHAM/FRID HAMILTON													MONTH - JUN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	0	3	3	0	1	1	0	3	0	1	1	2	
2	1	1	3	***	0	0	0	0	0	3	1	0	1	
3	0	1	1	1	1	0	0	1	1	1	0	0	0	
4	1	0	0	0	0	1	0	0	1	1	1	0	1	
5	3	1	0	0	1	1	1	0	0	1	0	1	1	
6	0	0	3	5	1	0	1	1	1	0	0	4	1	
7	1	1	1	1	0	***	0	0	2	2	0	2	1	
8	0	2	0	2	0	0	0	1	2	0	0	2	1	
9	2	1	3	0	3	0	3	0	6	0	2	1	2	
10	0	2	0	2	0	2	1	2	0	0	0	0	1	
11	3	0	0	0	0	1	2	0	2	0	0	0	1	
12	3	1	2	1	2	0	0	0	3	0	0	2	1	
13	0	2	0	2	0	0	2	0	2	0	2	0	1	
14	3	0	2	***	0	0	4	0	0	0	3	2	1	
15	2	0	0	2	0	2	0	0	1	0	0	0	2	
16	2	0	2	2	2	2	3	2	0	1	2	1	1	
17	0	2	2	1	0	0	1	0	0	3	2	0	1	
18	0	1	0	1	0	3	0	0	2	0	0	0	1	
19	0	2	0	0	0	2	2	0	0	2	2	1	1	
20	2	2	0	***	2	0	2	2	0	0	0	0	1	
21	1	0	3	1	0	3	2	1	3	0	0	1	1	
22	0	2	0	1	2	0	1	2	2	3	0	0	1	
23	2	0	3	2	0	2	1	0	0	0	0	0	1	
24	1	0	2	0	3	0	2	2	0	0	2	0	1	
25	2	2	6	1	0	0	0	0	0	0	1	2	1	
26	0	2	0	1	0	0	2	1	1	2	1	0	1	
27	1	0	2	***	-	0	1	1	1	0	0	0	1	
28	1	0	3	1	1	3	1	1	0	0	1	0	1	
29	0	0	3	1	0	0	3	0	1	0	0	3	1	
30	1	1	1	1	3	1	1	1	1	1	1	1	1.0	
MEAN	1	1	2	1	1	1	1	1	1	1	1	1		

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.4

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29017 CHATHAM/FRID HAMILTON													MONTH - SEP 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	0	0	1	0	0	0	3	2	0	0	1	
2	0	1	0	4	1	1	0	2	3	0	2	0	1	
3	0	0	2	1	0	1	0	1	2	0	1	0	1	
4	0	2	2	2	0	1	2	2	1	3	1	3	2	
5	1	0	3	2	1	0	2	0	1	0	0	0	0	
6	1	0	2	0	0	0	1	0	0	0	3	0	1	
7	0	1	1	2	0	0	2	0	0	0	0	0	0	
8	0	0	0	1	2	2	3	0	2	0	0	3	1	
9	0	3	0	2	2	2	0	0	2	2	0	0	1	
10	0	0	2	0	2	2	0	0	2	2	0	0	1	
11	0	0	0	0	0	0	1	0	0	0	0	0	0	
12	0	0	3	0	0	3	0	2	0	0	2	0	1	
13	0	2	0	5	0	0	0	2	5	0	3	2	2	
14	0	2	2	2	0	0	0	1	0	1	0	1	1	
15	0	2	0	0	2	0	3	2	2	2	5	2	2	
16	5	3	2	5	5	3	6	5	3	2	3	0	4	
17	0	0	0	2	0	0	0	0	2	1	0	3	1	
18	0	0	3	0	3	2	0	0	0	4	4	4	2	
19	2	3	3	5	5	3	2	3	0	7	2	6	3	
20	2	0	3	5	2	0	2	0	4	2	0	2	2	
21	0	2	1	5	3	2	****	0	0	2	2	1	2	
22	0	2	2	0	3	2	3	2	0	5	2	5	2	
23	2	1	0	5	0	1	2	3	1	2	2	2	2	
24	4	3	4	2	2	2	0	5	2	3	0	2	2	
25	2	2	0	1	0	0	3	3	3	0	2	7	2	
26	2	0	2	3	2	2	0	0	2	2	0	2	1	
27	0	2	2	2	2	0	0	0	2	2	0	3	1	
28	0	1	2	1	2	3	0	7	0	2	2	5	3	
29	2	0	2	7	2	3	5	3	3	3	3	1	3	
30	3	2	2	5	5	3	5	3	3	3	3	1	3	
MEAN	1	1	2	2	2	1	1	2	2	2	2	2	1.5	

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29017 CHATHAM/FRID HAMILTON													MONTH - OCT 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	0	0	2	2	3	3	2	2	0	2	0	2	
2	2	2	0	0	4	2	0	2	0	0	1	0	1	
3	5	1	3	2	3	0	0	0	1	2	1	4	2	
4	3	1	3	0	3	2	0	3	2	0	2	2	2	
5	3	2	3	2	0	3	3	2	1	3	2	0	2	
6	2	2	2	2	3	2	0	0	1	2	2	0	1	
7	0	3	0	0	2	2	2	3	0	2	1	2	2	
8	0	1	2	6	2	4	2	0	1	4	2	1	2	
9	0	4	0	2	0	2	2	0	2	1	2	2	1	
10	0	1	0	3	0	3	2	0	2	1	2	2	1	
11	3	7	4	11	3	2	3	3	1	0	0	5	4	
12	2	2	2	3	0	0	3	3	0	0	0	2	1	
13	0	3	2	1	1	1	1	5	3	0	5	2	2	
14	3	6	9	5	5	2	3	4	2	4	4	5	4	
15	2	5	2	8	3	2	2	7	0	3	3	0	3	
16	3	0	0	0	0	0	0	2	0	0	0	3	1	
17	1	2	0	0	0	0	0	1	3	3	2	2	1	
18	2	2	2	2	2	2	0	3	2	4	3	3	2	
19	1	6	2	8	4	0	3	9	4	2	1	5	4	
20	3	3	2	4	2	5	2	0	0	2	5	1	2	
21	8	6	3	7	5	4	5	1	5	2	2	5	4	
22	2	0	4	3	3	0	2	0	2	2	2	2	2	
23	0	2	2	2	1	0	0	3	0	3	0	3	1	
24	3	2	5	2	9	3	7	5	4	5	10	5	5	
25	13	9	9	10	9	15	12	9	4	10	7	11	10	
26	2	3	1	2	0	3	0	2	6	3	2	1	3	
27	3	1	4	4	3	4	1	4	4	2	5	3	3	
28	2	4	3	3	2	4	2	0	2	0	2	4	2	
29	4	2	2	2	3	3	3	0	2	0	3	3	2	
30	2	2	2	2	3	3	2	0	3	7	5	4	3	
31	0	3	2	9	2	0	2	3	2	2	2	3	2.5	
MEAN	2	3	2	4	3	2	2	2	2	2	2	3	2.5	

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29017 CHATHAM/FRID HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	23	3.6	8	15
FEB	23	2.2	6	13
MAR	29	2.1	6	12
APR	30	1.7	5	10
MAY	31	1.5	4	9
JUN	30	1.0	2	6
JUL	29	1.1	3	7
AUG	24	1.1	2	6
SEP	30	1.5	4	7
OCT	31	2.5	10	15
NOV	30	2.5	8	17
DEC	31	2.9	9	19
YEAR	341	2.0	10	19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29017 CHATHAM/FRID HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	194	78	8	0	0	0	0	280
FEB	246	31	1	0	0	0	0	278
MAR	321	32	2	0	0	0	0	355
APR	334	25	0	0	0	0	0	359
MAY	340	26	0	0	0	0	0	366
JUN	350	4	0	0	0	0	0	354
JUL	340	8	0	0	0	0	0	348
AUG	293	6	0	0	0	0	0	299
SEP	334	25	0	0	0	0	0	359
OCT	319	48	5	0	0	0	0	372
NOV	303	49	7	1	0	0	0	360
DEC	311	51	7	2	0	0	0	371
YEAR	3685	383	30	3	0	0	0	4101

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
93.6	0	0.0	0.0	1.2	1.9	4.0	5.4	7.7	9.4	19	2.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON														MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	0	0	2	0	0	0	4	2	0	0	2	1		
2	0	0	2	0	3	0	0	0	0	2	0	5	1		
3	0	3	2	3	2	0	4	0	3	0	2	3	2		
4	2	2	2	2	0	0	2	2	3	3	2	3	2		
5	2	2	2	3	3	0	3	0	2	2	5	2	2		
6	3	5	0	2	3	2	0	2	3	0	2	3	2		
7	0	5	2	2	3	0	0	0	1	4	0	2	2		
8	0	3	3	1	0	0	0	2	2	2	2	0	1		
9	0	0	0	0	3	0	3	0	3	2	2	2	1		
10	2	0	2	0	2	3	0	3	0	0	2	1	1		
11	2	2	2	0	0	0	2	0	0	0	0	2	1		
12	3	2	2	2	0	0	2	2	0	3	0	2	2		
13	2	3	0	2	2	3	0	2	2	2	5	1	2		
14	4	6	7	6	6	9	3	5	6	6	5	5	6		
15	7	3	6	3	2	2	4	3	0	2	4	3	3		
16	0	0	3	0	2	2	2	0	3	2	3	2	2		
17	2	3	0	5	2	0	5	2	2	5	2	1	1		
18	2	0	2	0	3	0	3	2	5	0	0	1	2		
19	2	5	3	0	4	5	0	3	0	0	0	2	2		
20	0	2	4	2	0	0	2	5	2	3	7	5	3		
21	5	5	5	7	5	3	0	3	0	0	1	0	3		
22	2	0	0	3	2	2	0	5	2	9	0	5	3		
23	2	4	7	1	3	0	6	3	2	4	6	8	4		
24	3	6	5	5	3	6	2	8	4	6	5	8	5		
25	4	1	7	5	4	7	2	5	0	3	0	2	3		
26	4	3	4	2	4	0	4	4	2	7	7	6	4		
27	2	1	5	1	2	1	1	2	5	2	3	2	2		
28	5	1	1	6	8	4	2	3	0	0	3	1	3		
29	2	2	2	2	1	2	2	3	2	4	2	0	2		
30	2	2	2	1	0	2	3	2	0	2	2	1	2		
31	3	1	4	2	2	0	2	2	2	3	2	4	2		
MEAN	2	2	3	2	2	2	2	2	2	3	2	3	2.3		

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEW5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON														MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	4	1	2	1	1	3	2	3	0	0	2	1	2		
2	2	2	1	1	2	4	0	3	2	7	3	2	2		
3	2	4	2	4	4	1	1	3	2	1	0	2	2		
4	2	2	4	3	3	2	5	0	6	3	1	2	3		
5	2	1	1	3	0	1	2	0	0	2	3	2	1		
6	2	0	2	4	3	0	2	1	0	2	2	1	2		
7	2	2	3	3	4	0	3	2	0	2	2	3	2		
8	2	3	8	0	5	2	12	8	4	4	2	4	5		
9	2	5	2	4	1	6	3	2	2	2	4	6	3		
10	5	5	6	6	8	4	4	2	4	5	5	5	5		
11	8	4	2	5	4	3	2	4	2	5	2	2	4		
12	3	7	2	2	7	5	5	5	5	2	8	3	5		
13	5	1	1	0	4	1	1	0	0	0	2	2	1		
14	1	0	1	2	0	2	0	0	0	2	0	0	1		
15	0	2	0	1	5	0	2	2	2	2	1	3	2		
16	3	0	0	2	2	1	0	0	0	2	2	2	1		
17	4	0	2	5	2	5	1	3	0	2	3	1	2		
18	3	4	3	4	3	3	0	4	3	2	4	3	3		
19	2	5	2	4	0	3	1	0	2	0	4	2	2		
20	3	0	0	2	0	3	0	2	4	0	2	3	2		
21	3	0	2	2	*****	0	2	3	1	5	3	0	2		
22	2	1	3	6	2	7	2	2	3	6	1	4	3		
23	2	7	1	5	4	2	0	0	3	2	2	2	2		
24	2	3	3	3	2	7	7	5	9	2	5	3	4		
25	11	0	2	2	1	3	0	1	2	1	2	0	2		
26	2	2	0	0	2	1	2	1	2	2	4	2	2		
27	0	1	3	0	2	3	4	1	2	3	0	3	2		
28	1	3	3	2	3	3	0	3	0	1	2	1	2		
MEAN	3	2	2	3	3	3	2	2	2	2	2	2	2.4		

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEW5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON													MONTH - MAR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	3	2	2	0	3	2	0	0	2	5	6	2	
2	0	2	2	3	6	5	2	2	2	2	2	2	3	
3	2	7	4	2	2	5	2	2	2	3	0	3	3	
4	2	2	1	2	4	1	3	2	2	0	2	0	2	
5	2	1	2	0	2	2	0	2	2	3	0	2	2	
6	2	2	0	2	3	0	2	2	5	2	3	2	2	
7	2	1	4	2	2	2	0	2	0	5	1	2	2	
8	2	5	0	3	2	2	1	1	4	4	2	3	3	
9	5	4	1	4	1	1	5	1	3	1	3	2	3	
10	5	4	1	2	***	5	2	2	3	2	6	2	3	
11	6	8	5	9	6	10	6	5	6	3	3	8	6	
12	6	4	3	3	7	4	2	9	4	6	2	6	5	
13	2	8	9	4	0	3	0	2	1	0	3	1	3	
14	3	1	2	2	2	1	2	2	2	1	4	2	2	
15	3	4	8	7	2	8	***	3	8	5	7	1	5	
16	5	3	1	0	0	2	2	1	1	4	0	2	2	
17	2	0	0	2	0	0	0	2	1	1	3	3	1	
18	0	2	1	8	1	2	1	0	3	0	3	2	2	
19	1	2	2	2	1	1	2	0	3	6	2	3	3	
20	3	3	2	4	2	3	2	5	0	6	2	3	3	
21	3	3	6	5	***	1	0	3	6	3	2	2	3	
22	3	1	4	1	2	0	2	2	2	2	2	4	2	
23	2	0	4	2	4	2	1	1	2	2	3	1	2	
24	1	0	2	0	0	3	0	3	0	2	4	2	1	
25	2	0	2	0	1	0	2	0	3	5	2	4	2	
26	2	5	0	4	2	2	1	0	2	0	1	2	3	
27	2	3	7	1	6	5	6	2	3	2	5	5	5	
28	3	0	2	6	***	3	11	3	7	2	2	4	4	
29	13	10	4	4	5	0	1	0	4	0	0	2	3	
30	2	4	3	9	2	2	3	1	0	2	0	2	2	
31	1	4	5	0	2	1	2	0	2	0	0	2	2	
MEAN	3	3	3	3	2	3	2	2	3	3	2	3	2.6	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON													MONTH - APR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	8	2	5	3	1	7	3	0	4	2	2	3	
2	0	3	0	3	2	1	1	4	7	4	3	1	2	
3	2	3	0	1	1	0	2	2	2	2	0	3	2	
4	3	0	3	2	***	1	2	2	5	4	0	5	2	
5	2	0	2	2	2	0	3	0	2	0	3	0	1	
6	2	2	5	2	0	2	0	0	2	2	3	1	2	
7	2	0	2	2	2	2	2	3	2	2	3	2	1	
8	1	0	0	2	0	2	0	1	2	2	5	5	2	
9	5	0	5	0	2	2	0	0	2	0	0	3	4	
10	3	4	4	4	2	7	3	6	0	10	3	3	5	
11	2	17	9	7	5	5	3	2	1	2	3	0	5	
12	5	3	5	***	0	0	2	2	2	6	5	5	3	
13	5	3	0	5	7	4	6	4	2	2	1	3	4	
14	0	0	3	0	2	0	2	3	2	0	0	2	1	
15	3	5	5	3	2	2	2	0	2	3	1	5	3	
16	5	3	2	2	3	5	4	0	3	0	2	0	2	
17	9	5	3	2	0	3	0	0	7	7	6	7	6	
18	5	7	7	6	6	3	3	3	3	3	7	5	5	
19	9	3	8	7	2	3	2	2	3	5	11	11	6	
20	3	8	5	9	10	***	0	2	3	2	3	3	4	
21	7	4	4	5	3	5	2	3	3	5	6	3	4	
22	3	3	2	7	0	4	0	5	2	2	0	0	2	
23	0	2	2	2	0	2	9	0	0	0	0	3	2	
24	0	1	2	1	0	0	2	2	0	2	0	2	1	
25	2	1	0	0	0	3	0	1	3	0	2	2	2	
26	3	0	3	0	0	3	1	0	2	0	4	2	3	
27	4	2	5	2	3	2	2	4	2	2	0	2	1	
28	2	0	0	2	3	0	0	0	3	0	2	0	2	
29	2	2	2	3	1	0	2	3	0	3	2	2	2	
30	2	0	6	3	3	2	2	0	0	3	2	2	2	
MEAN	3	3	3	3	2	2	2	2	2	3	2	3	2.6	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON													MONTH - JUL 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	2	2	0	2	0	2	2	0	0	0	2	1	1
2	2	0	1	2	0	0	2	0	4	4	0	0	1	3
3	3	6	2	1	2	9	6	0	0	0	0	2	1	1
4	0	0	2	2	****	0	4	1	3	2	0	0	4	4
5	4	2	2	0	2	0	9	7	****	****	****	****	****	****
6	2	2	4	5	7	3	****	****	****	****	****	****	****	****
7	****	****	****	****	****	1	- DATA INVALID -		2	1	2	0	4	****
8	0	0	2	2	0	2	2	0	0	1	0	0	3	1
9	2	0	2	0	2	0	1	3	1	0	0	3	1	1
10	2	0	2	0	2	0	2	0	1	0	0	3	1	1
11	2	2	3	2	0	5	4	2	2	3	0	2	2	2
12	2	0	5	2	3	3	2	1	2	1	0	1	2	2
13	2	2	2	3	2	2	0	0	3	0	2	2	2	2
14	0	2	2	2	2	9	0	2	2	3	0	3	2	2
15	1	3	2	2	4	4	3	3	2	5	1	2	3	2
16	2	4	6	0	2	0	0	2	2	3	0	2	1	1
17	2	1	2	0	2	0	0	2	3	2	0	3	2	2
18	2	0	3	3	1	0	2	2	2	4	0	2	2	2
19	2	2	0	1	2	2	2	5	1	5	3	0	2	2
20	1	2	2	3	0	2	1	5	2	2	2	0	2	2
21	2	0	4	2	2	0	0	0	0	0	2	0	1	1
22	2	2	2	3	3	0	2	0	0	0	6	0	2	2
23	2	2	1	0	1	0	2	1	3	2	3	2	0	2
24	2	2	2	3	2	2	2	0	1	0	0	0	1	1
25	0	2	1	2	0	2	0	0	2	3	0	0	0	1
26	2	2	4	0	0	0	2	2	3	0	0	2	2	2
27	1	2	4	1	4	****	****	2	1	0	3	2	3	3
28	2	3	2	4	4	2	3	2	0	2	4	2	4	4
29	4	5	5	3	9	3	4	3	2	2	4	0	2	2
30	4	0	0	0	1	0	4	3	2	2	4	2	2	2
31	0	2	6	1	1	0	2	3	2	0	****	-	2	2
MEAN	2	2	3	2	2	2	2	2	2	2	1	2	1.9	1.9

PERCENTAGE OF DATA VALID - 91.9 PERCENTAGE OF DATA INVALID - 7.3 PERCENTAGE OF DATA UNAVAILABLE - 0.8

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LE.S THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON													MONTH - AUG 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1														
2														
3														
4	1	2	2	4	1	2	5	2	0	3	5	1	2	2
5	2	3	5	0	2	1	5	0	0	2	1	0	1	1
6	2	0	0	0	1	0	0	1	2	0	3	0	2	2
7	0	0	1	0	2	3	3	2	2	3	3	0	2	2
8	4	2	0	3	1	2	0	3	0	3	2	2	2	2
9	0	2	3	3	1	2	2	2	3	0	2	2	2	2
10	1	2	2	1	2	2	2	2	3	0	2	2	2	2
11	3	1	0	3	1	3	0	3	2	0	0	2	1	1
12	2	0	2	5	0	2	0	2	0	2	2	0	1	1
13	1	1	0	2	2	0	0	0	0	0	3	0	2	2
14	2	2	0	2	0	0	0	0	2	1	0	2	2	2
15	5	2	3	5	2	0	1	0	-	-	-	-	*****	*****
16	2	2	1	1	-	-	-	-	-	-	-	-	-	-
17														
18														
19														
20														
21					3	3		2	0	3	0	2	2	2
22					0	0	3	0	3	2	0	5	2	2
23	0	5	0	3	0	0	0	0	0	0	0	2	1	1
24	0	0	2	2	3	2	2	4	2	1	2	5	4	4
25	2	2	8	5	3	2	3	5	3	3	3	2	3	3
26	2	2	5	6	5	3	3	1	3	0	3	0	1	1
27	0	0	2	2	2	2	3	0	2	0	0	0	1	1
28	0	0	0	3	1	0	2	0	0	0	2	2	2	2
29	0	0	1	2	0	2	****	0	1	3	2	2	2	2
30	2	5												
31	2	2	1	3	2	3	2	2	0	3	5	5	3	3
MEAN	2	2	2	3	2	2	2	1	1	2	2	2	1.7	1.7

PERCENTAGE OF DATA VALID - 72.6 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 26.6

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LE.S THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON													MONTH - NOV 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	7	2	0	6	0	5	0	0	0	6	0	3	2	
2	2	2	2	5	0	0	0	3	0	2	2	5	2	
3	9	13	7	9	5	6	3	3	0	1	5	7	6	
4	7	9	3	10	9	3	5	0	0	1	3	2	4	
5	3	2	0	0	0	0	2	0	0	0	2	0	1	
6	2	3	2	0	0	0	1	2	2	0	4	3	2	
7	1	3	0	0	2	7	0	0	2	0	1	4	2	
8	3	3	2	0	0	0	3	1	2	0	1	3	2	
9	2	3	2	0	2	2	2	0	9	0	2	2	2	
10	0	3	2	2	3	1	2	1	2	0	2	1	2	
11	0	3	0	3	0	3	2	1	0	5	0	2	2	
12	3	0	2	2	0	0	3	0	0	0	2	0	1	
13	0	3	2	2	0	1	2	0	2	0	2	1	3	
14	3	1	7	3	0	2	2	3	2	***	***	***	3	
15	***	***	***	2	3	5	1	5	3	2	5	0	3	
16	5	0	5	2	2	3	3	2	0	2	0	2	2	
17	3	2	2	2	3	2	0	1	2	0	0	3	2	
18	3	1	1	4	2	5	2	3	2	2	2	0	1	
19	0	0	0	2	0	4	2	0	1	0	3	3	2	
20	0	3	5	2	0	5	0	2	3	2	3	2	2	
21	2	2	2	1	2	0	3	0	5	2	0	6	2	
22	0	2	-	-	-	-	-	-	-	-	-	-	*****	
23	- DATA UNAVAILABLE -													
24	- DATA UNAVAILABLE -													
25	- DATA UNAVAILABLE -													
26	- DATA UNAVAILABLE -													
27	- DATA UNAVAILABLE -													
28	- DATA UNAVAILABLE -													
29	- DATA UNAVAILABLE -													
30	- DATA UNAVAILABLE -													
MEAN	3	3	2	3	2	3	2	1	2	1	2	2	2.1	

PERCENTAGE OF DATA VALID - 68.9 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 29.4

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON													MONTH - DEC 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1														
2														
3														
4														
5														
6														
7														
8														
9	3	0	2	1	2	0	4	1	3	2	2	2	2	
10	0	3	1	2	2	1	2	0	0	4	0	3	2	
11	6	3	4	3	2	4	0	1	2	7	6	9	4	
12	6	12	2	6	6	4	4	3	3	2	4	2	5	
13	5	2	4	3	3	2	4	2	5	6	2	7	4	
14	4	4	5	7	10	6	8	5	2	2	2	2	5	
15	4	7	1	0	2	2	2	2	0	2	4	0	3	
16	2	3	0	3	4	2	5	2	3	3	2	2	3	
17	2	2	6	3	6	6	0	2	0	3	2	3	3	
18	3	0	0	2	7	5	4	6	2	3	3	2	3	
19	2	4	4	2	3	3	4	6	7	4	5	3	4	
20	3	5	3	1	1	5	5	6	8	5	4	0	4	
21	4	4	3	2	1	2	0	3	1	2	2	3	2	
22	0	2	2	4	2	4	3	0	2	2	0	3	2	
23	3	2	2	3	1	0	1	2	2	4	0	3	2	
24	2	1	3	3	2	6	2	5	2	3	8	0	4	
25	2	0	0	1	0	0	2	2	1	2	1	0	1	
26	2	0	2	0	0	0	2	0	0	2	0	0	1	
27	2	1	2	2	2	2	0	2	1	2	2	2	2	
28	0	1	2	1	2	2	2	2	1	3	2	1	1	
29	1	0	2	2	2	0	3	0	7	9	4	4	4	
30	5	2	5	3	1	6	4	3						
31	0	1	2	0	2	3	0	2	3	3	4	2	2	
MEAN	3	3	2	2	3	3	3	3	2	3	3	3	2.7	

PERCENTAGE OF DATA VALID - 75.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 24.7

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST. TORONTO														MONTH - AUG 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1														- DATA UNAVAILABLE -	
2														- DATA UNAVAILABLE -	
3														- DATA UNAVAILABLE -	
4														- DATA UNAVAILABLE -	
5														- DATA UNAVAILABLE -	
6														- DATA UNAVAILABLE -	
7														- DATA UNAVAILABLE -	
8														- DATA UNAVAILABLE -	
9														- DATA UNAVAILABLE -	
10														- DATA UNAVAILABLE -	
11														- DATA UNAVAILABLE -	
12														- DATA UNAVAILABLE -	
13														- DATA UNAVAILABLE -	
14														- DATA UNAVAILABLE -	
15														- DATA UNAVAILABLE -	
16														- DATA UNAVAILABLE -	
17														- DATA UNAVAILABLE -	
18	-	-	-	-	4	2	5	2	0	2	3	1	2		
19	3	6	2	12	6	3	4	2	2	0	2	2	4		
20	2	2	3	3	3	0	3	3	0	4	0	5	2		
21	2	2	1	3	3	1	5	2	1	5	2	0	2		
22	3	2	6	5	5	3	2	2	0	5	2	1	3		
23	2	3	6	5	2	0	2	3	2	2	3	2	3		
24	1	4	2	9	5	4	0	2	2	4	2	2	4		
25	0	2	4	7	6	9	2	4	2	4	0	6	6		
26	3	8	6	11	4	7	4	7	2	2	1	2	4		
27	9	2	9	6	3	3	6	0	2	4	4	2	2		
28	5	0	3	2	2	4	1	2	4	0	5	2	4		
29	3	2	2	10	6	2	2	4	8	0	5	2	4		
30	2	2	2	0	8	2	3	2	7	2	2	2	3		
31	2	1	4	4	12	7	9	4	3	4	4	5	5		
MEAN	3	3	4	6	5	3	3	3	3	3	2	3	3.4		

PERCENTAGE OF DATA VALID - 44.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 55.9

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST. TORONTO														MONTH - SEP 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	2	4	5	8	5	10	8	7	4	4	3	2	5		
2	2	5	2	4	8	8	7	4	3	2	8	3	5		
3	0	1	2	2	2	1	3	0	0	1	2	0	1		
4	4	0	2	0	2	3	0	2	2	0	3	0	2		
5	0	2	3	2	3	0	0	0	1	0	0	3	1		
6	0	2	0	17	12	17	19	5	3	2	2	3	7		
7	2	2	0	19	1	14	7	4	2	1	0	1	4		
8	0	4	2	6	2	5	4	3	2	0	0	4	3		
9	1	2	2	3	2	0	2	3	0	2	2	1	2		
10	1	0	3	2	0	1	2	2	0	0	0	0	1		
11	2	0	2	3	2	0	0	1	0	0	2	3	1		
12	5	1	6	2	6	2	3	3	3	2	2	2	3		
13	0	0	4	5	0	4	2	3	3	0	2	0	2		
14	0	0	2	4	1	2	0	2	6	0	1	2	2		
15	0	2	1	11	4	0	4	2	2	2	1	0	2		
16	2	0	2	8	8	2	***	4	5	2	6	3	4		
17	4	3	0	2	3	1	2	0	1	3	2	3	2		
18	3	3	1	2	4	3	1	2	2	2	4	5	3		
19	5	2	3	2	3	2	3	5	1	1	2	0	2		
20	3	1	2	0	1	7	2	2	3	2	0	2	2		
21	2	2	3	4	5	4	5	0	2	0	2	2	3		
22	3	2	2	8	6	5	7	5	0	0	2	2	4		
23	2	0	2	2	1	5	3	1	0	0	2	1	2		
24	2	1	0	1	2	1	0	3	0	2	1	0	1		
25	2	2	0	2	1	0	1	1	1	2	0	3	1		
26	2	2	5	6	1	4	1	1	0	2	1	2	2		
27	2	0	0	9	1	14	2	0	5	***	***	***	***		
28	***	***	***	***	***	***	***	7	12	***	***	***	***		
29	***	***	***	***	***	***	3	2	1	2	4	6	***		
30	7	1	10	8	11	4	7	9	6	2	2	1	6		
MEAN	2	2	2	5	3	4	3	3	2	1	2	2	2.7		

PERCENTAGE OF DATA VALID - 94.4 PERCENTAGE OF DATA INVALID - 5.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO													MONTH - DEC 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	8	3	4	2	7	26	20	2	2	0	3	0	6	
2	0	2	0	16	41	36	47	21	2	9	2	4	15	
3	3	2	7	4	5	2	8	4	2	9	2	10	5	
4	3	4	5	5	0	4	0	0	3	2	5	12	4	
5	5	4	5	2	10	0	2	16	6	6	4	3	5	
6	0	0	4	3	5	4	4	2	7	***	2	1	3	
7	1	5	2	2	3	2	3	4	8	4	2	4	3	
8	2	6	8	16	13	16	5	8	5	15	12	13	10	
9	16	16	5	2	6	6	***	2	6	3	2	2	6	
10	0	1	4	0	1	1	0	4	2	7	8	4	3	
11	3	3	11	3	7	4	5	3	2	4	6	9	5	
12	23	16	4	10	5	6	6	9	4	7	7	8	9	
13	2	1	2	3	12	5	6	4	3	2	4	5	4	
14	7	12	7	14	15	14	3	11	5	6	2	4	8	
15	6	2	3	2	7	4	7	8	7	2	7	3	5	
16	2	2	2	7	13	16	9	6	4	2	12	4	7	
17	1	3	2	0	2	2	1	2	0	2	2	0	1	
18	0	1	3	2	0	2	3	0	0	3	2	0	1	
19	0	0	2	13	18	17	22	5	2	0	3	5	7	
20	4	6	1	5	4	3	8	8	5	8	0	3	5	
21	1	1	0	5	4	5	4	2	7	2	2	1	3	
22	4	7	0	6	2	7	2	7	4	2	0	0	3	
23	5	2	1	2	2	3	3	2	2	2	2	2	2	
24	4	4	6	4	2	3	6	3	5	6	3	3	4	
25	1	3	0	0	2	4	5	0	2	0	1	2	2	
26	2	2	2	1	0	3	0	2	4	2	4	1	2	
27	4	1	5	0	0	0	2	0	3	3	2	5	2	
28	4	3	2	3	4	3	4	4	2	5	0	3	3	
29	2	2	6	3	2	3	0	4	5	2	5	3	3	
30	2	2	4	8	5	13	8	7	8	4	6	15	7	
31	8	3	7	3	2	8	2	1	4	4	2	10	5	
MEAN	4	4	4	5	6	7	7	5	4	4	4	4	4.8	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST. TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN		DATA UNAVAILABLE		
JUL		DATA UNAVAILABLE		
AUG	14	3.4	6	12
SEP	28	2.7	7	19
OCT	25	4.3	12	23
NOV	30	4.2	10	19
DEC	31	4.8	15	47
YEAR	128	3.9	15	47

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST. TORONTO

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	DATA UNAVAILABLE							
MAR	DATA UNAVAILABLE							
APR	DATA UNAVAILABLE							
MAY	DATA UNAVAILABLE							
JUN	DATA UNAVAILABLE							
JUL	DATA UNAVAILABLE							
AUG	123	38	3	0	0	0	0	164
SEP	282	48	6	4	0	0	0	340
OCT	195	94	20	2	2	0	0	313
NOV	219	108	24	7	0	0	0	358
DEC	239	96	17	11	4	1	2	370
YEAR	1058	384	70	24	6	1	2	1545

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
84.2	0	0.0	1.4	2.3	4.2	8.2	11.4	15.3	17.0	47	3.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS, SCARBORO													MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	4	3	3	0	0	5	6	0	4	0	0	2	2	
2	3	0	2	2	0	0	2	0	3	9	0	7	2	
3	2	2	3	0	2	2	4	0	2	2	6	3	2	
4	0	8	3	2	3	5	0	2	2	0	9	7	3	
5	3	3	0	3	3	2	2	0	3	1	3	2	2	
6	3	8	1	1	5	0	1	2	5	3	2	3	3	
7	6	2	2	5	8	2	2	4	0	0	0	2	3	
8	1	1	2	5	2	3	1	0	6	1	3	2	2	
9	2	0	4	0	1	2	6	6	2	1	0	2	2	
10	2	0	0	0	2	2	2	1	0	0	0	0	1	
11	3	0	0	0	2	2	0	3	1	0	3	2	1	
12	2	2	5	8	7	3	6	***	3	5	4	0	4	
13	5	5	1	3	0	6	5	2	5	3	1	6	4	
14	1	2	9	5	10	14	5	1	4	8	6	3	6	
15	4	7	2	0	9	3	1	2	3	3	2	4	3	
16	2	4	0	2	2	1	8	3	1	0	3	2	2	
17	3	2	1	1	2	0	3	1	0	5	2	0	3	
18	0	3	5	3	13	***	0	1	3	5	2	0	2	
19	4	0	3	3	0	1	2	6	0	2	0	2	2	
20	0	1	0	8	1	5	2	2	2	2	0	0	2	
21	0	3	8	8	3	0	0	0	2	0	5	3	3	
22	0	0	1	2	2	2	0	3	0	2	2	0	1	
23	3	3	7	7	10	3	5	2	2	3	4	4	4	
24	6	5	1	9	7	4	3	4	2	5	2	2	4	
25	7	2	3	5	4	5	***	9	1	4	2	2	4	
26							- DATA UNAVAILABLE -							
27							- DATA UNAVAILABLE -							
28							- DATA UNAVAILABLE -							
29							- DATA UNAVAILABLE -							
30							- DATA UNAVAILABLE -							
31							- DATA UNAVAILABLE -							
MEAN	3	3	3	3	4	3	3	2	2	3	2	2	2.7	

PERCENTAGE OF DATA VALID - 79.8 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 19.4

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *- INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS, SCARBORO													MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	-	-	-	-	-	-	2	0	1	0	3	0	*****	
2	2	2	0	0	3	1	5	2	4	1	4	0	2	
3	3	0	1	3	2	2	0	2	7	2	3	4	2	
4	7	4	3	2	10	3	2	2	1	0	5	2	3	
5	0	2	7	0	7	0	7	4	0	7	4	0	3	
6	0	0	2	2	2	0	1	1	4	3	0	0	1	
7	2	0	4	1	0	2	0	0	6	3	4	2	2	
8	4	7	2	9	3	3	****	7	2	3	3	0	4	
9	3	5	5	3	9	5	5	7	9	9	7	2	6	
10	6	5	9	11	5	7	3	0	5	2	9	7	6	
11	5	6	7	0	3	0	2	2	3	3	5	2	3	
12	3	3	0	5	6	4	9	2	0	2	3	3	3	
13	4	5	5	7	0	2	2	2	0	0	3	7	3	
14	3	2	2	3	2	5	0	0	3	5	2	2	2	
15	2	0	3	0	7	3	***	2	5	2	4	2	3	
16	2	7	1	4	3	0	0	3	2	2	0	2	2	
17	0	3	0	3	6	0	3	2	0	2	0	14	3	
18	5	7	3	0	0	6	2	3	6	3	****	****	4	
19							- DATA INVALID -							
20							- DATA INVALID -							
21							- DATA INVALID -							
22							- DATA INVALID -							
23	****	****	****	****	****	****	***	2	0	2	0	4	*****	
24	0	2	4	2	3	0	3	0	2	3	2	3	2	
25	0	4	0	0	5	0	7	0	0	1	0	2	2	
26	0	0	5	0	2	3	0	3	3	2	5	0	2	
27	2	0	4	1	2	3	0	4	0	0	3	0	2	
28	0	5	0	2	0	1	3	0	0	0	4	0	1	
MEAN	2	3	3	3	4	2	3	2	3	2	3	3	2.7	

PERCENTAGE OF DATA VALID - 80.7 PERCENTAGE OF DATA INVALID - 17.6 PERCENTAGE OF DATA UNAVAILABLE - 1.8

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *- INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS, SCARBORO													MONTH - MAY 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	1	8	0	2	2	2	2	6	4	6	0	3	
2	4	3	1	0	2	0	4	1	2	5	0	0	2	
3	3	0	0	4	4	1	1	0	4	2	1	1	2	
4	0	0	1	3	0	2	0	3	0	0	1	0	1	
5	0	4	6	1	2	2	1	1	1	5	2	4	2	
6	0	7	4	3	5	0	3	2	0	0	2	0	3	
7	4	3	0	0	0	0	2	6	2	5	4	3	2	
8	4	1	3	2	0	3	3	2	2	1	5	2	2	
9	0	0	3	2	1	2	0	2	2	0	4	0	1	
10	3	1	2	4	2	1	3	2	7	0	0	3	2	
11	0	3	5	8	1	4	1	2	6	1	4	7	4	
12	3	1	4	3	5	11	3	2	0	3	0	4	3	
13	1	0	3	1	2	0	1	0	0	2	0	2	1	
14	0	0	0	2	2	0	2	0	0	2	1	5	2	
15	2	2	0	5	0	2	0	0	0	2	2	8	4	
16	2	5	6	6	6	2	4	3	2	0	9	3	5	
17	6	3	6	7	9	2	8	2	3	5	0	6	3	
18	4	2	0	4	3	3	1	2	1	0	5	7	3	
19	4	1	2	0	4	3	1	6	1	0	2	0	5	
20	7	9	5	7	9	9	5	1	0	2	2	0		
21	1	2	5	3	3	5	1	3	1	3	0	5	3	
22	3	0	0	3	4	0	3	1	3	2	0	0	2	
23	3	5	5	5	5	5	9	1	1	0	5	3	4	
24	0	3	0	1	5	9	2	3	3	4	5	5	3	
25	9	11	9	4	0	4	17	7	1	0	0	0	5	
26	2	0	1	0	1	3	****	1	0	3	5	0	1	
27	0	0	3	3	7	3	1	4	5	1	4	7	3	
28	5	1	1	3	0	3	0	3	0	0	1	1	2	
29	1	1	1	0	0	1	0	0	0	0	5	0	1	
30	1	0	1	0	0	1	3	1	1	0	3	1	1	
31	0	1	0	0	0	1	0	1	1	3	1	0	1	
MEAN	3	2	3	3	3	3	3	2	2	2	3	3	2.5	

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS, SCARBORO													MONTH - JUN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	1	0	0	3	1	0	3	3	5	3	2	
2	5	1	1	5	5	3	0	0	1	1	5	5	3	
3	9	8	5	3	****	****	3	1	5	0	1	5	4	
4	3	0	3	0	2	1	1	3	1	5	7	1	2	
5	4	1	0	3	0	1	0	3	3	0	0	4	2	
6	1	3	1	0	4	1	5	1	1	0	0	3	1	
7	0	0	0	2	1	0	0	1	3	0	0	1	1	
8	1	1	3	3	3	0	0	0	0	0	4	1	1	
9	0	0	1	0	0	1	0	1	1	0	0	3	1	
10	1	3	0	1	1	0	3	0	0	1	0	0	1	
11	0	3	0	0	1	1	0	5	0	0	1	3	1	
12	0	0	1	2	0	0	3	1	0	0	0	3	1	
13	0	2	0	3	0	0	2	0	0	5	0	0	1	
14	0	0	3	1	1	1	***	0	2	1	0	3	1	
15	1	1	0	2	3	3	0	1	0	0	3	5	2	
16	3	1	3	3	1	1	5	0	0	0	0	3	2	
17	0	1	7	5	5	3	1	0	0	0	2	1	2	
18	2	0	0	5	0	5	0	3	3	1	1	0	2	
19	1	4	1	3	3	3	1	1	3	3	5	1	2	
20	3	1	0	0	2	0	1	1	0	1	1	1	1	
21	0	1	1	1	3	0	0	1	3	0	1	0	1	
22	3	1	1	1	1	3	1	1	1	5	2	2	2	
23	3	3	3	1	0	7	***	0	4	3	5	5	4	
24	0	2	5	4	0	1	3	4	8	0	1	1	2	
25	2	5	4	2	5	3	6	0	3	3	0	4	2	
26	4	2	2	2	0	5	2	3	7	2	3	1	3	
27	3	1	4	6	2	4	3	2	2	2	7	3	3	
28	5	3	0	2	1	5	***	2	2	0	0	2	2	
29	2	1	1	0	6	0	2	3	2	0	2	5	1	
30	2	0	0	0	1	0	2	3	2	0	2	5		
MEAN	2	2	2	2	2	2	2	2	2	1	2	2	1.8	

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS, SCARBORO													MONTH - SEP 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	2	3	2	3	3	4	7	0	7	1	3	
2	2	5	0	4	0	8	3	0	5	0	0	0	2	
3	6	0	0	0	3	5	0	0	0	2	3	1	2	
4	2	0	2	9	0	0	0	7	1	0	0	3	2	
5	2	0	5	0	3	0	4	2	0	0	5	0	2	
6	5	3	0	0	0	0	0	0	0	1	0	0	2	
7	2	1	0	0	0	0	2	0	0	0	0	0	1	
8	4	0	0	3	0	1	0	0	2	0	0	2	1	
9	0	2	3	3	9	5	2	2	2	1	2	2	3	
10	0	0	2	0	3	2	3	3	2	0	3	5	2	
11	3	0	3	0	0	2	0	3	0	0	5	0	1	
12	3	0	0	7	0	3	0	6	0	0	3	0	2	
13	0	2	2	0	4	0	0	3	0	0	3	5	0	
14	0	0	0	0	***	0	0	0	2	0	0	0	0	
15	5	2	2	0	3	0	0	0	0	2	4	2	2	
16	2	0	1	0	4	0	2	3	0	7	3	2	1	
17	0	0	2	0	2	2	0	0	0	2	0	5	2	
18	4	7	0	2	0	0	0	3	3	0	3	1	2	
19	0	0	0	3	3	0	2	0	0	0	2	0	1	
20	0	2	2	2	0	0	2	0	0	0	0	0	1	
21	0	3	3	2	2	2	1	3	2	2	0	0	1	
22	0	2	2	2	0	2	2	2	2	1	3	1	2	
23	2	4	2	3	4	0	2	0	0	1	2	2	2	
24	3	0	0	0	4	2	1	1	2	4	0	2	2	
25	3	0	0	0	4	2	1	1	2	4	0	2	2	
26	0	1	2	0	2	2	2	2	3	1	4	2	2	
27	1	1	2	4	3	1	1	0	0	0	3	3	1	
28	0	1	2	2	0	2	1	0	2	0	0	2	3	
29	3	0	0	9	2	4	0	3	2	5	4	2	3	
30	2	3	5	5	8	5	4	3	8	4	5	0	4	
MEAN	2	1	2	2	2	2	1	2	2	1	2	1	1.7	

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS, SCARBORO													MONTH - OCT 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	1	2	2	1	0	0	1	3	2	0	1	
2	2	1	0	3	0	0	1	1	4	5	0	0	2	
3	3	5	0	0	3	0	0	0	1	0	3	1	1	
4	4	0	3	1	0	0	2	3	0	0	2	3	2	
5	3	4	2	4	8	6	0	2	5	3	0	1	3	
6	1	5	2	3	4	2	0	0	0	2	0	2	2	
7	0	1	2	1	0	0	2	0	2	0	2	0	1	
8	2	1	2	2	1	2	1	0	2	7	1	0	2	
9	1	0	2	3	0	2	2	0	3	2	1	0	1	
10	0	0	5	2	3	0	4	1	4	5	4	0	2	
11	2	8	4	2	3	0	2	3	0	2	3	1	3	
12	2	0	2	1	1	4	8	0	2	0	2	2	2	
13	4	2	0	4	2	1	1	2	2	0	2	3	2	
14	2	2	2	2	2	1	0	2	2	8	6	12	3	
15	6	6	5	5	5	6	1	6	8	4	5	4	5	
16	0	3	2	2	0	1	1	0	4	2	0	1	2	
17	0	2	2	2	0	0	0	2	3	2	2	2	3	
18	6	4	1	3	2	4	3	2	3	2	2	1	4	
19	2	6	8	2	5	2	9	0	4	5	3	4	4	
20	5	4	6	5	3	1	1	1	7	6	3	4	4	
21	4	3	4	11	5	5	0	4	6	3	4	4	4	
22	3	4	6	0	1	0	4	0	2	3	2	2	2	
23	1	2	0	0	0	2	1	0	2	1	5	1	1	
24	5	1	5	0	7	3	2	4	2	4	1	4	3	
25	5	3	2	4	1	7	2	2	3	3	2	3	3	
26	7	5	7	7	5	0	0	1	7	0	2	8	4	
27	2	6	5	12	3	5	3	5	2	0	3	5	4	
28	6	0	2	0	0	2	2	0	7	0	0	0	2	
29	2	0	1	3	2	0	0	1	1	2	8	3	2	
30	7	1	0	4	1	3	1	3	3	0	2	1	2	
31	7	0	0	0	2	1	2	0	2	0	5	2	2	
MEAN	3	3	3	3	2	2	2	1	3	2	3	3	2.4	

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS, SCARBORO													MONTH - NOV 77
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	0	6	0	4	4	41	0	0	0	4	3	6
2	2	0	4	2	0	0	0	2	2	3	2	3	2
3	0	2	4	0	1	2	2	5	3	0	3	4	2
4	7	1	0	7	11	4	1	5	3	4	0	0	4
5	0	0	1	0	0	0	2	7	4	2	4	0	2
6	6	0	1	0	0	0	3	0	0	0	1	1	1
7	0	0	0	0	2	0	1	0	1	3	0	1	2
8	2	2	0	2	3	0	0	0	4	6	1	0	2
9	5	2	0	3	3	2	***	***	5	4	0	0	2
10	7	7	5	6	2	3	4	3	4	2	6	2	4
11	3	0	2	4	0	2	1	0	5	0	3	1	1
12	0	3	3	0	0	3	2	0	5	0	0	8	2
13	2	1	0	2	1	2	0	0	2	2	5	6	2
14	5	2	2	0	0	8	3	3	2	8	6	3	4
15	6	5	1	6	7	1	3	7	3	3	0	5	4
16	0	2	5	2	3	0	2	5	5	2	2	5	3
17	0	0	2	0	2	3	7	3	4	2	2	3	2
18	0	0	0	0	1	4	4	0	0	3	7	3	2
19	5	2	0	5	4	5	2	2	7	0	3	7	4
20	2	0	2	0	2	0	2	0	0	2	0	0	1
21	2	2	1	2	1	2	1	2	0	5	7	7	3
22	0	0	2	1	3	5	5	0	4	2	2	0	2
23	0	4	4	0	3	2	0	3	5	3	2	1	2
24	1	3	0	6	0	5	0	3	0	5	2	0	2
25	6	0	3	0	0	3	2	2	0	0	0	2	1
26	0	0	2	3	0	0	9	3	0	3	0	0	2
27	0	0	0	5	3	5	0	7	6	0	2	0	3
28	2	2	2	0	8	4	1	2	9	7	0	0	6
29	7	9	3	10	7	11	4	5	2	11	2	5	2
30	3	6	2	2	4	0	2	0	2	0	2	0	2
MEAN	3	2	2	2	3	3	4	2	3	3	2	2	2.5

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS, SCARBORO													MONTH - DEC 77
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	2	3	0	2	3	5	3	0	3	0	0	2
2	2	2	3	0	5	2	0	0	0	2	7	1	2
3	7	0	3	2	4	2	4	3	0	2	4	7	3
4	0	0	0	4	2	3	0	2	3	5	5	4	2
5	0	2	0	0	0	6	5	2	0	0	0	0	2
6	4	0	6	0	6	0	8	0	2	3	2	2	3
7	0	3	0	2	3	1	3	7	3	0	5	6	3
8	8	11	2	10	6	2	3	0	5	0	2	0	3
9	2	1	5	2	0	4	0	5	5	2	5	5	4
10	0	4	0	6	0	5	0	4	3	7	13	11	4
11	11	9	5	0	3	0	2	0	7	7	13	11	6
12	7	0	5	1	5	5	6	6	10	6	7	4	5
13	4	1	3	7	0	5	6	5	0	5	3	2	3
14	4	6	0	3	3	5	9	2	7	7	10	2	5
15	0	2	3	5	3	5	5	3	3	5	7	7	4
16	0	3	0	4	5	***	5	9	7	0	0	5	3
17	4	7	5	5	0	0	0	1	0	4	0	2	2
18	2	0	2	1	3	0	3	0	0	7	0	3	2
19	0	4	0	1	0	7	0	2	0	7	0	3	2
20	0	3	0	0	0	2	0	0	0	2	0	3	1
21	3	0	3	2	9	2	3	3	5	0	5	0	3
22	3	3	2	2	3	3	0	3	3	2	0	7	3
23	0	3	7	0	2	3	7	0	7	2	0	0	3
24	0	8	2	12	2	7	0	3	0	0	2	0	1
25	2	0	0	0	0	0	3	0	0	5	0	3	1
26	9	0	0	2	0	0	3	2	0	2	0	5	2
27	2	0	7	0	3	3	4	3	0	3	4	2	2
28	7	0	3	0	0	0	3	0	0	3	0	0	4
29	4	2	3	0	2	12	5	2	5	7	0	9	4
30	0	8	2	2	0	7	5	3	2	5	6	9	4
31	5	0	0	5	5	3	0	3	4	2	0	0	2
MEAN	3	3	2	3	2	3	3	3	3	3	3	4	2.9

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT: PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS, SCARBORO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	25	2.7	6	14
FEB	22	2.7	6	14
MAR	30	2.4	5	13
APR	29	2.5	5	11
MAY	31	2.5	5	17
JUN	30	1.8	4	9
JUL	31	2.2	4	13
AUG	12	1.9	3	9
SEP	30	1.7	4	9
OCT	31	2.4	5	12
NOV	30	2.5	6	41
DEC	31	2.9	6	13
YEAR	332	2.4	6	41

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS, SCARBORO

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	234	61	2	0	0	0	0	297
FEB	213	56	2	0	0	0	0	271
MAR	295	62	3	0	0	0	0	360
APR	290	62	1	0	0	0	0	353
MAY	300	68	2	1	0	0	0	371
JUN	314	41	0	0	0	0	0	355
JUL	306	63	1	0	0	0	0	370
AUG	133	24	0	0	0	0	0	157
SEP	328	31	0	0	0	0	0	359
OCT	306	63	3	0	0	0	0	372
NOV	289	65	3	0	0	0	1	358
DEC	266	97	8	0	0	0	0	371
YEAR	3274	693	25	1	0	0	1	3994

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
91.2	0	0.0	0.0	1.5	2.6	5.0	6.6	8.2	8.9	41	2.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE													MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	2	0	0	0	3	14	15	7	3	4	4
2	0	0	6	0	4	0	9	2	2	0	1	4	2	2
3	0	5	1	4	4	5	1	0	4	0	0	6	3	3
4	5	1	4	1	2	0	6	2	2	0	4	6	3	3
5	8	5	2	0	3	1	2	0	4	2	0	4	3	3
6	3	4	2	7	13	8	10	5	7	4	2	6	6	6
7	4	3	7	4	6	2	-	-	-	-	-	-	*****	-
8							- DATA INVALID -							
9							- DATA INVALID -							
10							- DATA INVALID -							
11							- DATA INVALID -							
12	****	****	****	****	****	****	****	0	2	0	0	2	*****	4
13	0	0	0	3	3	7	4	2	11	4	6	2	4	4
14	6	10	6	5	12	12	9	11	8	14	12	12	10	4
15	12	6	4	3	4	3	3	0	0	2	3	2	4	4
16	0	3	2	0	6	2	1	0	3	9	2	0	2	2
17	2	1	0	2	0	2	2	0	2	0	2	5	2	2
18	8	3	2	8	5	3	****	4	1	0	2	2	3	3
19	0	4	2	0	6	1	0	2	2	2	2	4	2	2
20	0	2	1	4	0	2	0	1	3	0	4	2	2	2
21	1	0	8	8	3	3	2	0	1	2	2	0	3	3
22	3	0	1	0	0	2	2	0	2	8	2	5	2	2
23	2	0	2	1	2	0	2	0	4	8	3	8	3	3
24	3	8	3	5	5	10	5	7	7	4	8	5	6	6
25	6	6	0	7	3	7	****	8	6	2	4	2	5	5
26	4	0	5	4	1	2	4	2	2	1	2	1	2	2
27	0	0	0	0	4	2	0	0	3	4	0	2	3	3
28	1	2	4	10	4	2	0	0	4	5	2	6	3	3
29	5	1	6	2	6	0	1	2	2	0	1	0	1	1
30	0	0	2	0	2	0	2	0	2	0				
31	2	0	3	3	2	0	1	6	2	4	0	5	2	2
MEAN	3	3	3	3	4	3	3	2	4	4	3	4	3.1	

PERCENTAGE OF DATA VALID - 83.1 PERCENTAGE OF DATA INVALID - 28.2 PERCENTAGE OF DATA UNAVAILABLE - 11.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE													MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	0	2	10	2	6	****	2	7	0	5	0	3	3
2	2	9	3	0	5	4	2	7	3	3	0	7	4	4
3	7	5	0	5	0	5	3	5	8	9	3	3	3	3
4	3	1	2	0	9	0	0	9	0	4	7	2	4	4
5	2	2	2	0	0	3	7	0	7	12	5	2	3	3
6	0	4	0	3	7	0	3	3	9	2	0	0	3	3
7	5	3	12	0	3	7	0	2	0	13	3	9	4	4
8	0	0	5	3	7	7	****	0	1	7	9	7	6	6
9	3	7	5	12	5	2	3	12	1	7	6	13	5	5
10	2	8	2	12	2	0	0	6	5	7				
11	7	5	0	3	6	3	15	2	5	3	0	0	4	4
12	7	0	5	3	5	3	2	7	2	9	2	0	4	4
13	3	5	5	0	2	0	3	0	0	2	0	5	2	2
14	2	5	2	17	9	9	3	2	3	16	4	5	6	6
15	0	7	9	0	2	0	****	2	22	8	3	5	5	5
16	1	6	0	3	6	0	6	2	2	3	5	0	3	3
17	4	0	4	0	5	0	1	0	0	0	6	6	2	2
18	0	8	0	10	13	11	4	8	4	12	2	6	7	7
19	13	7	8	2	3	3	2	0	1	2	2	2	4	4
20	3	2	0	2	0	2	2	2	2	4	0	4	2	2
21	2	6	3	7	6	0	0	3	2	0	5	2	3	3
22	7	2	3	7	7	3	1	2	0	9	0	3	4	4
23	8	4	4	7	2	2	4	2	0	0	3	0	3	3
24	5	5	3	9	3	8	5	9	0	2	0	2	4	4
25	2	0	1	0	0	0	1	0	3	0	2	0	1	1
26	1	0	0	5	3	9	0	0	3	0	5	0	2	2
27	0	2	3	0	3	9	0	3	0	1	6	0	2	2
28	5	0	8	4	2	3	0	0	2	0	4	0	2	2
MEAN	3	4	3	4	4	3	3	3	3	5	4	3	3.5	

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COHS/1000 FT						
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE							MONTH - MAR 77						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	1	2	0	0	****	0	3	1	0	0	1
2	0	2	4	0	2	3	0	3	0	3	6	13	3
3	1	1	9	11	0	4	7	3	3	2	2	2	4
4	6	0	5	7	3	3	3	4	2	2	3	0	3
5	0	5	0	4	1	3	2	3	9	0	2	2	3
6	2	3	0	0	0	0	0	7	0	3	0	2	1
7	2	3	2	3	2	2	2	2	0	4	0	0	2
8	2	0	3	0	2	4	****	3	0	0	5	0	2
9	3	11	4	13	3	2	2	0	0	4	3	2	4
10	4	0	4	13	12	2	3	5	7	4	4	9	6
11	11	5	2	9	15	15	8	9	11	9	5	7	3
12	15	9	8	13	13	5	9	6	4	9	7	3	8
13	5	2	2	3	0	2	7	2	2	0	7	5	3
14	4	1	1	3	0	0	4	7	0	0	6	3	2
15	7	0	2	9	11	6	9	0	9	9	3	1	6
16	7	0	2	2	0	3	0	3	0	0	0	3	2
17	1	3	2	2	0	2	0	9	0	2	2	4	2
18	3	0	4	0	7	0	2	0	2	2	0	7	2
19	3	7	0	4	2	2	0	0	5	3	2	8	3
20	5	7	7	5	0	0	4	5	0	6	0	2	3
21	0	3	4	0	7	0	2	0	0	7	3	1	2
22	0	0	5	0	0	****	5	0	2	5	3	0	2
23	0	2	0	7	3	5	0	2	0	5	0	2	2
24	0	2	0	0	7	0	2	0	0	3	0	5	2
25	0	0	0	7	0	0	2	0	2	0	4	2	1
26	0	3	0	3	2	0	0	0	7	3	0	5	2
27	10	7	9	7	7	4	3	4	3	5	3	3	4
28	11	7	8	11	6	0	3	2	0	7	6	5	6
29	9	10	4	16	5	5	5	2	2	7	2	0	4
30	3	0	3	0	5	0	5	0	1	0	2	2	2
MEAN	4	3	3	5	4	2	3	3	2	3	3	3	3.3

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEJS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COHS/1000 FT						
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE							MONTH - APR 77						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	3	2	11	3	3	3	5	3	7	7	4	4
2	0	2	0	2	0	5	1	6	1	2	2	0	2
3	0	0	0	0	4	0	3	0	6	0	2	0	1
4	6	2	2	0	0	2	0	1	0	4	1	0	2
5	2	0	2	2	1	****	2	5	0	0	3	1	2
6	2	7	2	2	2	0	2	6	0	5	0	3	3
7	1	0	2	7	5	1	2	9	2	0	4	0	3
8	0	0	2	3	0	3	0	0	6	2	0	3	2
9	3	3	5	0	2	0	0	0	0	2	3	3	2
10	6	3	5	1	0	1	5	2	3	0	2	5	3
11	7	9	7	9	3	12	0	0	3	7	3	2	5
12	3	0	6	7	3	3	5	0	2	3	8	7	4
13	13	5	4	2	7	****	5	2	1	1	4	2	4
14	2	2	2	5	4	5	2	2	1	7	2	1	3
15	3	5	1	2	5	5	4	0	4	3	3	0	3
16	1	0	5	2	0	8	3	2	2	5	2	2	3
17	2	4	1	2	2	2	4	1	3	4	6	7	3
18	9	9	16	13	11	7	10	13	10	4	10	10	10
19	13	17	16	3	1	0	5	6	9	6	2	19	8
20	9	13	9	15	12	13	15	8	4	8	11	11	11
21	13	7	12	16	11	9	7	9	5	8	2	6	9
22	3	5	4	0	9	5	5	3	4	5	5	2	4
23	2	3	2	0	3	2	4	2	4	5	3	1	3
24	2	0	2	0	1	2	0	2	5	1	0	2	1
25	4	3	0	6	2	3	6	0	0	0	0	6	3
26	0	9	1	11	3	0	***	3	2	0	5	9	4
27	3	2	2	5	1	5	2	0	0	1	2	3	2
28	0	2	0	2	0	0	0	2	0	4	2	3	1
29	2	3	2	0	2	2	3	4	0	0	3	7	2
30	0	3	0	5	3	3	0	5	0	2	4	2	2
MEAN	4	4	4	4	3	4	3	3	3	3	3	4	3.6

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEJS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE													MONTH - JUL 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	0	3	0	2	2	0	2	3	2	0	1	
2	2	0	6	0	2	0	2	3	0	0	0	2	1	
3	3	2	0	2	3	2	2	3	2	3	5	2	2	
4	0	1	2	1	0	2	1	5	5	2	1	4	2	
5	7	5	4	7	7	****	****	8	2	6	2	6	5	
6	2	9	4	11	2	5	3	0	0	0	4	0	3	
7	4	0	0	5	9	7	2	2	5	0	9	0	4	
8	2	3	3	3	4	0	7	4	4	5	11	0	4	
9	7	0	3	2	0	3	2	4	1	0	0	0	2	
10	2	0	0	0	3	0	1	1	8	7	2	2	2	
11	3	9	2	2	2	5	2	9	3	2	1	1	3	
12	3	2	2	4	2	2	3	0	2	0	3	7	3	
13	2	4	8	3	2	2	3	2	0	3	3	0	3	
14	5	2	0	11	0	3	****	-	-	-	-	-	*****	
15	- DATA UNAVAILABLE -													
16	- DATA UNAVAILABLE -													
17	- DATA UNAVAILABLE -													
18	- DATA UNAVAILABLE -													
19	- DATA UNAVAILABLE -													
20	- DATA UNAVAILABLE -													
21	- DATA UNAVAILABLE -													
22	- DATA UNAVAILABLE -													
23	- DATA UNAVAILABLE -													
24	- DATA UNAVAILABLE -													
25	- DATA UNAVAILABLE -													
26	- DATA UNAVAILABLE -													
27	- DATA UNAVAILABLE -													
28	- DATA UNAVAILABLE -													
29	- DATA UNAVAILABLE -													
30	- DATA UNAVAILABLE -													
31	- DATA UNAVAILABLE -													
MEAN	3	3	2	4	3	3	3	3	3	2	3	2	2.8	

PERCENTAGE OF DATA VALID - 43.0

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 56.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE													MONTH - AUG 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	- DATA UNAVAILABLE -													
2	- DATA UNAVAILABLE -													
3	- DATA UNAVAILABLE -													
4	-	-	-	-	-	-	-	2	2	1	3	3	*****	
5	0	1	2	6	5	0	0	6	0	6	0	2	2	
6	3	1	2	2	3	0	0	2	6	2	3	2	2	
7	0	2	2	5	1	3	0	4	0	3	2	3	2	
8	5	0	3	10	2	3	2	1	0	3	4	2	3	
9	0	2	4	4	7	2	0	0	7	5	0	2	3	
10	0	3	2	5	7	2	2	2	2	8	3	6	4	
11	3	4	5	7	2	1	0	2	4	3	0	5	3	
12	4	5	0	3	1	2	0	0	0	4	6	2	2	
13	6	2	2	3	2	4	3	0	0	0	4	0	2	
14	1	0	3	0	0	0	3	0	0	4	5	3	2	
15	2	5	3	9	0	0	0	2	0	3	2	2	2	
16	5	6	3	0	7	3	5	2	0	4	0	4	3	
17	7	2	5	2	0	3	0	2	5	0	3	4	3	
18	4	2	5	2	5	5	0	2	2	2	2	4	3	
19	2	1	1	10	1	5	0	6	2	0	0	2	3	
20	2	4	2	2	1	0	0	0	0	2	3	2	2	
21	3	0	3	7	0	2	4	2	5	4	3	0	3	
22	3	3	2	2	2	3	0	2	0	0	1	1	2	
23	0	0	3	5	1	0	0	1	0	6	0	1	1	
24	2	2	0	1	3	3	0	2	2	4	5	7	3	
25	5	2	2	10	2	2	0	0	2	2	3	5	3	
26	6	4	9	19	5	3	4	5	5	2	1	6	6	
27	13	4	6	7	4	3	3	0	3	1	0	0	4	
28	3	0	3	2	0	2	2	2	2	0	0	6	2	
29	0	2	7	2	2	0	2	2	0	2	2	2	2	
30	3	2	4	4	1	6	2	0	0	2	3	7	5	
31	3	6	5	3	3	4	3	5	3	7	5	7	5	
MEAN	3	2	3	5	2	2	1	2	2	3	3	3	2.6	

PERCENTAGE OF DATA VALID - 88.4

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 11.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE													MONTH - NOV 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	5	4	2	6	0	3	5	5	3	7	4	4
2	3	0	3	9	6	5	3	6	4	0	6	2	2	4
3	3	2	5	9	17	3	5	5	11	5	5	8	7	7
4	9	7	15	9	4	0	7	0	2	0	5	3	5	5
5	0	5	0	0	4	2	3	0	3	0	3	2	2	2
6	5	2	3	0	3	0	2	7	2	3	1	0	2	2
7	3	2	0	4	1	4	2	2	0	2	1	3	2	2
8	1	5	3	0	3	2	5	0	4	0	2	2	2	2
9	4	2	1	3	3	5	0	5	2	9	2	4	3	3
10	2	5	0	4	2	4	4	0	0	3	3	0	2	2
11	2	0	2	0	0	3	0	2	3	0	2	2	1	1
12	0	2	0	2	0	2	0	0	2	5	1	0	1	1
13	2	***	***	1	1	0	0	0	3	1	2	5	2	2
14	2	5	2	5	4	2	0	2	2	4	2	4	3	3
15	6	1	4	5	7	4	5	3	5	0	5	2	4	4
16	4	0	5	6	6	5	3	5	5	0	4	3	4	4
17	3	3	3	2	3	3	2	3	2	3	0	3	3	3
18	0	3	0	0	0	5	2	2	2	2	0	1	1	1
19	2	3	2	2	0	3	0	2	2	0	2	2	2	2
20	2	2	2	0	1	0	3	0	2	3	2	7	2	2
21	0	2	7	2	0	0	0	2	0	2	0	2	1	1
22	0	0	1	5	2	2	0	2	0	4	3	7	2	2
23	2	3	3	0	2	0	3	4	2	3	0	3	2	2
24	2	0	2	0	0	2	2	2	3	0	0	0	1	1
25	0	3	2	3	1	3	0	2	0	0	3	6	2	2
26	0	1	3	5	0	3	2	0	3	2	2	0	2	2
27	2	3	0	0	0	2	3	2	2	2	2	5	2	2
28	2	2	4	2	4	5	2	2	3	0	2	5	4	4
29	2	3	0	3	2	5	0	4	9	7	9	5	4	4
30	7	12	13	7	13	6	4	5	3	2	3	3	7	7
MEAN	2	3	3	3	3	3	2	2	3	2	3	3	2.7	

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE													MONTH - DEC 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	2	2	5	3	2	0	1	0	4	0	2	2
2	2	0	2	0	2	3	0	0	2	2	0	0	1	1
3	1	0	3	2	2	3	0	1	2	0	2	0	2	2
4	2	0	0	2	1	2	0	2	2	1	3	2	2	2
5	3	2	2	4	2	3	2	2	3	2	2	0	2	2
6	4	2	2	3	3	1	0	0	2	2	2	1	2	2
7	2	0	2	6	3	0	0	0	2	2	2	3	2	2
8	3	5	3	3	11	11	7	9	5	2	1	5	5	5
9	2	2	3	3	0	2	2	3	2	6	0	3	2	2
10	0	0	2	0	3	2	0	3	1	8	6	3	2	2
11	8	7	2	6	2	1	4	2	3	5	5	9	5	5
12	2	9	7	8	3	2	2	5	4	0	7	0	4	4
13	2	2	0	5	2	8	6	8	9	5	3	2	4	4
14	3	5	5	3	11	13	5	5	1	0	2	3	5	5
15	2	0	0	2	3	5	3	7	9	0	2	2	3	3
16	4	3	3	3	9	3	0	3	5	0	5	3	3	3
17	3	0	3	2	0	2	5	0	0	2	2	0	2	2
18	2	2	2	3	0	3	0	5	0	5	6	0	2	2
19	3	0	2	3	2	2	2	0	0	0	0	0	1	1
20	2	0	5	2	3	0	2	0	3	3	2	0	2	2
21	3	2	3	2	3	0	2	2	2	5	0	0	2	2
22	0	0	2	0	3	2	3	2	2	2	3	2	2	2
23	0	2	2	2	2	0	0	0	2	2	2	2	1	1
24	3	2	2	2	6	2	2	3	5	3	7	3	3	3
25	3	3	2	3	2	0	0	0	0	0	0	0	1	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	2	0	0	5	0	0	2	0	0	0	0	0	1	1
28	0	3	0	5	2	2	0	0	2	0	0	2	1	1
29	2	0	2	0	0	3	0	0	0	3	2	2	1	1
30	5	5	2	8	7	5	4	2	2	7	5	6	5	5
31	0	2	2	2	2	3	0	0	0	3	2	3	2	2
MEAN	2	2	2	3	3	3	2	2	2	2	2	2	2.3	

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	2	3	0	2	4	0	0	0	0	2	1	
2	5	4	2	0	0	1	6	4	5	3	5	0	3	
3	4	2	5	5	6	5	11	2	4	1	1	2	4	
4	0	4	3	12	6	0	1	6	4	1	11	10	5	
5	9	2	1	4	10	1	1	8	12	2	2	2	5	
6	2	2	2	12	11	12	4	2	0	12	4	6	6	
7	12	6	6	2	7	0	1	***	0	2	2	1	4	
8	0	3	4	6	3	5	1	0	9	6	2	6	4	
9	5	2	0	1	0	5	2	3	2	4	5	3	3	
10	2	0	2	5	7	9	3	5	2	2	2	2	3	
11	2	0	0	3	0	6	0	0	0	1	2	2	1	
12	2	3	5	7	7	0	0	3	3	2	2	2	3	
13	0	1	3	9	4	7	3	5	2	7	2	5	4	
14	1	7	4	7	13	6	3	6	16	15	20	13	9	
15	8	2	0	3	2	2	0	3	0	1	3	1	2	
16	1	1	0	0	0	0	2	0	10	2	3	2	2	
17	2	0	2	3	7	2	3	6	13	2	2	0	4	
18	0	2	0	7	4	2	0	1	3	0	2	1	2	
19	2	2	0	6	0	4	0	6	0	2	4	0	2	
20	0	0	0	5	16	4	0	2	0	2	8	0	3	
21	5	3	3	8	0	5	0	2	1	1	0	2	3	
22	0	4	2	2	2	1	2	0	0	4	0	2	2	
23	7	0	2	2	3	6	5	2	1	11	2	7	4	
24	7	4	2	5	5	6	9	0	3	7	7	4	5	
25	5	3	0	12	3	4	3	***	1	0	0	2	3	
26	2	7	1	2	0	3	3	0	2	2	1	0	2	
27	1	0	1	2	1	2	0	0	0	0	1	2	1	
28	1	5	3	3	2	***	***	2	3	2	1	0	2	
29	1	1	1	0	0	1	1	1	0	1	5	2	1	
30	0	2	2	3	1	3	1	2	2	2	2	2	2	
31	2	0	0	2	4	0	15	16	0	3	2	0	4	
MEAN	3	2	2	5	4	3	3	3	3	3	3	3	3.1	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1 ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2 *** INDICATES DATA IS UNAVAILABLE

3 ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	2	1	2	2	0	1	3	6	2	2	2	
2	0	0	0	2	2	2	4	6	1	6	2	0	2	
3	1	3	0	2	2	2	5	0	2	2	0	0	2	
4	4	3	0	2	0	5	0	4	0	5	2	1	2	
5	2	0	0	0	2	0	0	0	1	2	0	2	1	
6	1	2	0	3	0	0	3	0	0	0	2	0	1	
7	2	0	2	2	0	5	1	2	0	3	2	0	1	
8	3	2	5	1	***	***	2	2	3	2	3	0	2	
9	7	1	8	5	6	4	3	5	7	3	12	7	6	
10	4	5	5	11	6	7	0	3	7	8	11	11	7	
11	10	9	5	5	7	5	18	11	4	2	2	4	7	
12	4	3	6	2	2	5	4	4	2	0	7	1	3	
13	2	2	2	3	2	2	0	2	1	2	2	2	2	
14	2	0	2	2	3	2	2	3	5	2	2	0	2	
15	3	0	0	2	1	2	2	***	3	2	2	2	2	
16	3	0	0	7	2	4	0	3	0	2	0	8	2	
17	0	5	3	2	2	2	1	0	4	3	5	8	3	
18	4	6	2	8	5	6	5	5	4	8	5	2	5	
19	7	6	6	2	3	0	2	3	2	3	2	2	3	
20	2	1	0	1	0	2	0	2	0	2	0	4	1	
21	0	2	2	4	3	0	3	0	2	1	2	2	2	
22	3	5	5	1	3	5	***	4	6	9	10	12	6	
23	13	10	6	4	0	3	5	3	3	3	6	2	5	
24	0	0	0	0	0	2	14	12	7	0	4	0	3	
25	0	1	0	3	3	1	4	2	3	0	3	1	2	
26	2	0	0	1	2	2	0	0	2	2	0	1	1	
27	2	2	3	2	4	5	10	3	0	5	0	2	3	
28	0	2	0	2	3	0	6	2	0	2	2	5	2	
MEAN	3	3	2	3	2	3	3	3	3	3	3	3	2.9	

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1 ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2 *** INDICATES DATA IS UNAVAILABLE

3 ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - MAY 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	5	7	3	2	5	3	9	2	3	2	2	4	
2	3	0	0	2	2	0	10	0	0	2	0	0	2	
3	0	3	6	3	5	0	0	0	0	7	0	9	3	
4	7	2	11	6	0	3	0	5	2	3	2	9	4	
5	8	3	5	10	2	8	9	6	7	10	2	16	7	
6	13	18	17	11	***	2	4	0	7	0	3	3	7	
7	2	0	3	0	3	0	2	0	8	0	3	7	2	
8	1	0	0	3	2	2	0	0	0	0	0	4	1	
9	0	2	7	0	2	2	0	3	3	0	0	0	2	
10	2	0	0	4	0	2	3	2	2	9	0	3	2	
11	2	2	0	9	0	4	3	0	0	5	7	3	3	
12	2	2	2	5	0	0	3	1	2	2	0	0	2	
13	10	3	1	7	3	5	2	2	0	4	3	3	4	
14	0	0	0	5	0	0	0	0	0	5	0	5	1	
15	4	0	1	3	0	0	0	2	0	0	4	10	2	
16	0	2	7	0	2	2	0	3	3	0	0	0	2	
17	2	5	9	2	7	2	***	9	5	5	9	0	5	
18	4	2	0	2	3	1	3	4	2	2	2	2	2	
19	0	0	2	3	13	5	3	7	0	3	3	8	4	
20	5	7	5	3	13	7	4	9	5	3	5	0	6	
21	4	3	7	7	7	2	5	5	3	5	6	11	5	
22	3	3	7	3	0	3	8	1	5	0	2	0	3	
23	5	0	3	2	7	1	0	5	1	7	4	3	3	
24	0	6	11	10	7	3	5	8	4	6	3	5	6	
25	13	11	6	2	0	***	2	2	3	4	0	0	4	
26	5	3	2	0	5	0	0	2	0	7	2	0	2	
27	4	1	7	2	7	2	3	3	0	0	2	0	3	
28	5	3	0	2	7	7	1	2	2	0	0	2	2	
29	3	2	2	0	0	0	5	3	0	1	1	3	2	
30	2	2	2	9	3	0	2	7	1	0	3	4	3	
31	9	5	2	5	1	5	4	2	7	2	3	9	5	
MEAN	4	3	4	4	3	2	3	3	2	3	2	4	3.2	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - JUN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	3	2	8	0	0	0	2	3	2	3	2	
2	2	0	0	4	2	0	3	0	3	2	0	5	2	
3	0	3	2	6	3	2	3	0	0	0	2	5	2	
4	2	3	6	2	8	3	0	3	0	4	2	2	3	
5	2	0	0	7	0	0	1	2	2	0	0	4	2	
6	0	0	2	2	1	1	2	0	3	0	0	0	1	
7	4	0	5	1	2	0	4	4	4	3	0	0	2	
8	3	2	4	2	2	0	1	2	0	7	5	3	3	
9	4	5	2	2	3	2	0	0	0	1	3	3	2	
10	1	0	0	2	2	3	1	4	1	1	2	0	1	
11	0	0	0	2	5	0	3	0	0	0	1	2	1	
12	2	1	1	0	3	0	0	2	7	0	1	1	2	
13	2	0	2	4	0	0	0	0	3	4	5	2	2	
14	2	3	5	8	2	9	3	***	6	2	0	4	2	
15	1	0	0	2	2	4	0	2	4	0	2	7	4	
16	4	11	5	9	3	2	0	4	0	2	0	2	4	
17	3	1	7	5	7	3	0	1	0	0	1	4	3	
18	0	2	5	3	0	8	0	2	5	0	0	0	2	
19	0	3	3	3	2	3	0	0	1	0	0	0	1	
20	0	1	3	1	12	3	0	0	3	0	0	2	2	
21	0	1	0	0	2	0	2	0	0	2	2	0	1	
22	2	5	2	0	1	0	3	1	7	2	0	7	3	
23	3	2	2	0	5	0	2	0	0	5	1	2	2	
24	5	2	2	7	2	5	3	***	1	1	0	3	3	
25	0	1	0	1	0	0	***	9	0	9	0	7	2	
26	3	1	1	3	4	0	7	0	1	5	0	3	2	
27	3	5	1	5	2	3	1	0	0	3	3	6	3	
28	0	0	0	7	15	9	1	5	0	5	3	5	4	
29	5	9	7	9	3	3	3	1	1	7	0	3	4	
30	5	1	0	1	11	0	1	0	7	1	3	0	3	
MEAN	2	2	2	3	4	2	2	2	2	2	1	3	2.3	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - SEP 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	7	8	2	12	0	0	4	0	0	2	4	1	3	
2	4	1	4	2	3	3	0	0	2	3	2	2	2	
3	2	3	0	1	0	6	0	0	2	0	2	0	1	
4	3	2	2	0	5	0	2	1	0	0	3	3	2	
5	8	0	0	6	1	2	6	0	4	1	3	4	3	
6	4	2	2	4	4	2	0	1	0	0	0	0	2	
7	0	4	2	7	2	5	4	2	0	7	4	8	4	
8	1	0	3	3	7	5	2	4	2	5	2	5	3	
9	2	8	4	9	7	4	7	0	5	0	4	2	4	
10	4	0	0	2	0	0	0	1	0	4	0	0	1	
11	2	5	2	1	0	0	9	0	1	4	0	4	2	
12	1	2	7	4	14	2	5	5	2	2	3	2	4	
13	5	3	6	5	2	6	8	2	9	3	7	5	5	
14	2	2	5	2	0	7	2	0	2	9	1	9	3	
15	8	3	7	6	9	1	2	5	7	4	1	0	4	
16	2	5	0	2	9	6	5	8	8	7	13	18	7	
17	11	11	3	4	2	2	2	2	0	10	0	3	4	
18	0	4	3	2	3	9	6	2	11	7	8	11	6	
19	2	0	3	7	1	3	9	4	6	3	2	0	3	
20	4	0	4	2	8	8	2	6	1	2	2	3	4	
21	3	3	4	3	2	3	3	7	0	5	7	0	3	
22	2	5	2	7	7	6	12	5	2	4	15	3	5	
23	9	4	3	12	4	6	0	2	6	1	2	11	5	
24	2	6	8	2	2	2	3	3	1	0	3	7	3	
25	2	2	3	7	4	0	3	5	9	0	5	4	2	
26	5	0	4	5	2	0	2	0	0	0	1	1	3	
27	0	0	0	2	8	6	2	0	2	8	3	0	4	
28	0	3	0	0	0	2	0	3	0	3	0	1	1	
29	0	4	4	2	2	0	0	5	1	0	2	0	2	
30	2	10	10	15	4	6	2	0	5	0	2	2	5	
MEAN	3	3	3	5	4	3	3	2	3	3	3	4	3.4	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - OCT 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	4	0	0	2	2	2	2	0	4	0	0	0	1	
2	2	2	2	0	2	2	4	0	5	1	9	1	3	
3	1	3	4	8	0	2	2	0	2	0	2	0	2	
4	0	2	4	0	2	2	4	2	0	2	3	6	2	
5	2	15	4	18	0	0	6	0	1	0	2	2	4	
6	2	0	3	7	2	0	0	0	0	3	0	3	2	
7	3	0	2	4	1	5	0	0	3	2	2	1	2	
8	0	2	0	2	3	3	2	1	2	7	0	2	2	
9	8	2	4	8	1	2	0	0	0	0	0	0	2	
10	0	7	1	0	0	0	2	0	4	4	6	3	2	
11	4	1	0	2	1	4	****	4	1	1	1	9	3	
12	0	8	0	3	1	****	0	0	4	0	2	7	2	
13	4	2	1	12	3	9	0	5	0	0	4	5	5	
14	4	0	6	13	25	16	1	6	3	1	9	8	8	
15	0	8	4	13	4	3	3	6	5	0	2	0	4	
16	0	5	8	0	0	0	0	0	0	0	0	0	1	
17	1	0	3	6	10	0	0	3	0	0	2	4	2	
18	3	17	8	8	5	3	0	3	3	4	7	18	7	
19	11	2	5	15	2	8	6	9	1	2	2	6	6	
20	0	6	0	8	2	8	6	0	5	0	2	3	3	
21	4	0	6	2	2	4	1	9	5	4	11	12	5	
22	0	0	2	7	0	0	2	6	2	4	2	2	2	
23	0	6	0	6	0	2	2	7	0	2	4	4	3	
24	10	0	5	3	5	2	****	0	6	5	7	13	5	
25	4	14	7	12	16	6	10	7	5	11	19	0	7	
26	10	4	22	19	16	6	4	0	4	2	0	7	8	
27	4	1	3	14	9	3	4	15	1	13	0	2	6	
28	0	0	1	4	1	3	1	1	0	1	2	0	1	
29	2	2	2	9	7	3	8	2	2	2	13	16	6	
30	6	7	6	0	3	0	3	3	0	10	7	5	4	
31	3	0	1	0	2	****	****	0	7	3	4	9	3	
MEAN	3	4	4	7	4	3	3	3	2	3	4	5	3.7	

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.1	9	20
FEB	28	2.9	7	18
MAR	31	3.8	11	21
APR	30	3.8	11	19
MAY	31	3.2	7	18
JUN	30	2.3	4	15
JUL	13	3.0	5	16
AUG	12	2.6	6	17
SEP	30	3.4	7	18
OCT	31	3.7	9	25
NOV	30	2.5	6	18
DEC	31	2.5	9	19
YEAR	328	3.1	11	25

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	276	72	16	4	0	0	0	368
FEB	259	63	9	1	0	0	0	332
MAR	256	83	19	6	2	0	0	366
APR	248	87	16	8	0	0	0	359
MAY	263	94	9	3	0	0	0	369
JUN	298	55	4	0	0	0	0	357
JUL	116	40	4	1	0	0	0	161
AUG	119	27	2	1	0	0	0	149
SEP	258	89	12	1	0	0	0	360
OCT	262	78	16	9	2	0	0	367
NOV	297	54	6	2	0	0	0	359
DEC	318	45	4	4	0	0	0	371
YEAR	2970	787	117	40	4	0	0	3918

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89.5	0	0.0	0.6	1.7	3.2	6.9	9.0	12.6	15.3	25	3.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35008 22 THIRTY SIXTH ST, ETOBICOKE														MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	4	5	0	0	0	2	0	0	4	4	6	2	2		
2	3	5	0	9	0	0	3	0	8	7	0	2	3		
3	2	1	3	1	3	2	2	4	1	2	1	4	2		
4	8	6	3	4	2	2	0	2	2	11	10	7	5		
5	6	3	4	6	10	0	2	4	9	5	2	2	4		
6	6	8	6	11	17	8	1	6	6	4	6	2	7		
7	1	2	2	5	4	****	7	0	4	6	9	0	4		
8	6	5	8	4	12	0	8	9	5	7	10	6	7		
9	1	2	0	6	1	3	0	4	4	6	2	0	2		
10	3	0	0	0	9	0	4	2	2	3	4	2	2		
11	2	5	1	0	3	0	0	1	2	3	0	7	2		
12	2	3	2	3	12	4	8	0	5	7	4	4	5		
13	3	3	5	1	4	4	2	10	8	9	2	1	4		
14	3	6	7	3	12	6	7	12	10	11	21	10	9		
15	15	3	4	4	3	2	5	0	4	5	0	3	4		
16	0	1	6	0	5	7	0	0	0	4	5	0	2		
17	5	0	0	0	3	3	1	7	0	0	7	1	2		
18	2	0	2	6	10	3	2	2	2	0	0	2	3		
19	2	2	2	10	3	0	3	4	2	11	5	1	4		
20	2	2	0	8	2	0	0	6	2	6	2	6	3		
21	3	5	6	10	4	4	****	0	3	1	0	2	3		
22	1	7	4	0	5	3	2	2	0	7	6	2	3		
23	2	6	5	3	3	4	1	7	8	7	4	5	5		
24	7	2	3	3	3	4	11	2	7	10	7	5	5		
25	6	5	7	6	5	6	4	3	0	4	0	3	4		
26	0	2	0	3	4	2	2	4	4	1	5	2	2		
27	0	0	5	7	2	0	1	3	6	0	0	2	2		
28	4	9	7	1	3	2	5	4	3	4	4	0	4		
29	2	1	4	0	0	2	3	3	4	3	1	5	2		
30	2	2	3	2	6	2	5	0	0	2	0	0	2		
31	0	2	0	6	3	3	4	0	2	2	0	2	2		
MEAN	3	3	3	4	5	3	3	3	4	5	4	3	3.6		

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35008 22 THIRTY SIXTH ST, ETOBICOKE														MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	4	2	0	2	4	1	0	7	3	5	0	2		
2	1	2	0	0	5	2	0	0	5	2	1	7	2		
3	5	3	2	4	0	2	3	4	2	0	0	0	2		
4	2	0	3	2	1	5	1	3	2	1	0	0	2		
5	0	2	1	1	1	0	0	2	3	5	2	7	2		
6	2	0	4	2	8	4	2	2	2	0	3	3	3		
7	5	2	0	4	2	0	7	2	4	7	2	3	3		
8	5	5	3	7	0	3	4	9	4	7	5	8	5		
9	2	7	9	5	5	7	6	7	6	5	4	7	6		
10	11	2	2	3	0	2	2	5	5	4	4	8	4		
11	6	12	5	8	5	7	4	2	4	2	9	1	5		
12	5	0	3	5	6	8	1	3	4	2	3	0	3		
13	4	3	0	3	1	7	3	2	3	0	2	2	3		
14	0	3	0	0	2	2	2	2	0	0	1	2	1		
15	7	0	1	5	4	1	0	1	2	0	4	1	2		
16	1	2	6	0	5	1	0	2	0	1	2	2	2		
17	4	0	4	2	5	1	3	0	0	3	7	7	3		
18	4	3	5	8	6	3	8	5	7	5	9	5	6		
19	7	5	11	7	1	0	1	2	2	2	7	2	4		
20	2	3	0	2	0	6	2	3	2	3	2	2	2		
21	3	5	1	1	2	0	0	2	2	2	0	2	2		
22	3	2	7	2	8	6	2	2	4	3	9	6	5		
23	8	5	0	2	2	2	2	1	0	0	1	1	2		
24	2	2	8	3	3	8	2	4	2	3	0	0	3		
25	0	3	0	7	3	3	0	0	5	1	0	3	2		
26	0	3	1	2	0	6	0	1	0	7	2	2	2		
27	0	5	0	2	3	7	5	7	3	3	0	2	3		
28	2	2	0	3	7	1	3	1	0	2	2	2	2		
MEAN	3	3	3	3	3	4	2	3	3	3	3	3	3.0		

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE													MONTH - MAR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	6	2	0	2	1	2	2	0	2	2	0	2	2
2	0	0	4	1	5	2	0	4	2	3	4	5	3	3
3	5	2	7	11	3	0	6	0	1	0	0	3	3	3
4	0	4	3	3	1	2	7	3	2	2	3	1	2	2
5	2	3	2	0	3	0	6	5	2	2	2	4	3	3
6	0	2	5	4	0	0	3	0	3	6	2	4	3	3
7	6	5	4	5	1	4	0	4	0	5	0	2	3	2
8	0	0	4	3	4	4	0	0	2	6	0	2	2	4
9	4	3	5	11	4	6	0	1	3	5	2	2	4	4
10	4	1	6	3	3	4	3	6	2	7	7	2	4	4
11	19	18	12	17	21	9	4	9	6	7	7	0	11	11
12	7	3	14	16	12	4	2	3	4	5	5	1	6	6
13	2	5	1	0	2	2	2	1	0	0	2	7	2	2
14	2	0	2	2	0	0	2	0	0	0	3	11	2	2
15	6	2	9	7	5	3	2	2	8	6	1	2	4	4
16	5	2	0	0	1	0	0	1	0	0	0	2	1	2
17	1	7	1	3	0	0	1	2	0	2	1	4	2	2
18	2	2	5	0	1	1	3	4	6	2	3	3	3	3
19	0	7	0	2	5	7	2	7	2	2	0	0	4	4
20	9	10	0	6	0	2	2	7	2	3	1	0	2	2
21	2	5	4	5	8	2	2	3	2	2	0	7	4	4
22	2	2	3	2	4	2	5	2	3	9	1	2	3	3
23	0	5	2	4	3	1	0	2	1	0	3	1	2	2
24	0	1	4	3	0	2	4	0	3	0	1	3	2	2
25	0	0	4	2	4	2	0	5	2	4	4	0	2	2
26	3	2	0	2	1	0	3	2	0	3	3	5	2	2
27	2	6	15	8	0	3	3	1	2	2	9	2	4	4
28	9	1	4	0	4	4	5	2	2	5	2	4	4	4
29	2	4	9	5	3	0	4	2	4	0	2	7	4	4
30	0	2	6	7	0	4	2	5	0	0	0	2	2	2
31	0	4	2	2	5	1	2	0	0	0	0	3	2	2
MEAN	3	4	4	4	3	2	2	3	2	3	2	3	3.0	3.0

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE													MONTH - APR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	3	3	0	3	1	*****	-	-	-	-	-	*****	*****
2							- DATA UNAVAILABLE -							
3							- DATA UNAVAILABLE -							
4							- DATA UNAVAILABLE -							
5							- DATA UNAVAILABLE -							
6							- DATA UNAVAILABLE -							
7							- DATA UNAVAILABLE -							
8							- DATA UNAVAILABLE -							
9							- DATA UNAVAILABLE -							
10							- DATA UNAVAILABLE -							
11							- DATA UNAVAILABLE -							
12							- DATA UNAVAILABLE -							
13							- DATA UNAVAILABLE -							
14	-	-	-	-	-	-	-	3	1	0	0	0	*****	*****
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	3	0	1	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	3	3	0	0	0	0	0	0	0	0
18	0	1	0	0	0	0	1	0	2	0	0	0	0	0
19	0	0	0	1	0	0	1	0	0	0	0	0	0	0
20	0	0	0	0	0	3	4	3	0	1	0	0	1	1
21	1	0	1	0	1	0	3	0	7	0	0	1	1	1
22	0	1	0	0	1	0	0	0	0	3	0	0	0	0
23	3	3	0	1	1	0	3	1	1	0	0	0	1	1
24	0	0	0	0	0	7	0	0	0	0	3	0	1	1
25	0	1	0	0	0	0	0	1	0	3	2	5	1	1
26	0	2	0	3	0	0	3	1	2	1	3	2	1	1
27	5	2	1	2	2	2	0	0	2	5	0	4	2	2
28	0	0	3	2	2	0	1	2	1	2	2	2	1	1
29	0	0	1	2	****	2	0	0	2	2	5	2	1	1
30	0	3	0	2	0	3	0	0	0	0	2	0	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.9	0.9

PERCENTAGE OF DATA VALID - 56.1 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 43.3

- NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE													
MONTH - JUL 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	5	0	7	3	3	1	3	3	0	9	3	3
2	1	3	0	3	0	****	-	-	-	-	-	-	*****
3							- DATA UNAVAILABLE -	-	-	-	-	-	-
4							- DATA UNAVAILABLE -	-	-	-	-	-	-
5							- DATA UNAVAILABLE -	-	-	-	-	-	-
6							- DATA UNAVAILABLE -	-	-	-	-	-	-
7							- DATA UNAVAILABLE -	-	-	-	-	-	-
8							- DATA UNAVAILABLE -	-	-	-	-	-	-
9							- DATA UNAVAILABLE -	-	-	-	-	-	-
10							- DATA UNAVAILABLE -	-	-	-	-	-	-
11	-	-	-	1	8	2	0	0	4	0	2	0	2
12	6	1	1	3	6	0	6	0	0	0	6	0	3
13	4	4	3	7	3	1	1	3	0	6	2	4	3
14	1	0	1	2	2	0	4	1	0	2	4	7	2
15	0	6	0	2	0	8	2	3	6	0	1	3	3
16	4	8	1	6	7	4	1	2	4	0	2	0	3
17	3	0	5	4	0	3	2	2	0	3	3	2	2
18	2	5	3	2	4	2	3	4	0	2	2	3	3
19	2	4	0	2	3	2	5	1	2	2	2	0	2
20	5	6	1	6	1	4	5	2	4	5	3	4	4
21	5	2	2	1	2	4	2	0	2	0	6	2	2
22	2	0	1	0	0	4	0	2	0	1	2	1	1
23	3	4	0	0	7	0	1	3	0	2	3	3	2
24	4	2	8	0	5	0	4	0	2	2	0	0	2
25	0	0	0	0	2	0	2	2	2	0	2	2	1
26	2	0	0	0	0	0	2	0	2	2	0	1	1
27	0	3	0	5	1	0	***	0	2	0	4	2	2
28	3	0	2	5	2	3	2	4	0	4	0	2	2
29	5	2	2	0	0	3	6	3	0	1	3	4	2
30	2	2	0	4	4	4	2	2	1	3	2	1	2
31	2	4	0	1	1	6	0	0	0	2	4	0	2
MEAN	3	3	1	3	3	2	2	2	2	2	3	2	2.2

PERCENTAGE OF DATA VALID - 71.2

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 28.2

NOTES 1 ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2 *** INDICATES DATA IS UNAVAILABLE

3 ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE													
MONTH - AUG 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	1	2	3	1	0	4	0	4	2	2
2	1	1	2	0	0	1	8	0	5	0	4	7	2
3	0	4	6	7	5	6	5	2	3	0	2	0	3
4	2	0	0	0	0	2	5	0	5	2	2	3	2
5	4	2	5	3	0	2	0	0	5	2	2	2	2
6	2	0	3	0	4	0	2	5	2	0	2	2	2
7	2	1	2	3	3	2	3	0	1	1	5	0	2
8	3	2	1	2	6	0	5	0	0	2	2	2	2
9	0	0	0	5	2	0	0	1	0	0	5	2	2
10	2	2	2	0	2	3	***	-	-	-	-	-	*****
11							- DATA UNAVAILABLE -	-	-	-	-	-	-
12							- DATA UNAVAILABLE -	-	-	-	-	-	-
13							- DATA UNAVAILABLE -	-	-	-	-	-	-
14							- DATA UNAVAILABLE -	-	-	-	-	-	-
15							- DATA UNAVAILABLE -	-	-	-	-	-	-
16							- DATA UNAVAILABLE -	-	-	-	-	-	-
17							- DATA UNAVAILABLE -	-	-	-	-	-	-
18							- DATA UNAVAILABLE -	-	-	-	-	-	-
19							- DATA UNAVAILABLE -	-	-	-	-	-	-
20							- DATA UNAVAILABLE -	-	-	-	-	-	-
21							- DATA UNAVAILABLE -	-	-	-	-	-	-
22							- DATA UNAVAILABLE -	-	-	-	-	-	-
23							- DATA UNAVAILABLE -	-	-	-	-	-	-
24							- DATA UNAVAILABLE -	-	-	-	-	-	-
25							- DATA UNAVAILABLE -	-	-	-	-	-	-
26							- DATA UNAVAILABLE -	-	-	-	-	-	-
27							- DATA UNAVAILABLE -	-	-	-	-	-	-
28							- DATA UNAVAILABLE -	-	-	-	-	-	-
29							- DATA UNAVAILABLE -	-	-	-	-	-	-
30	-	-	-	-	-	-	-	0	4	0	0	0	*****
31	0	4	3	0	2	0	3	1	0	0	0	3	1
MEAN	1	1	2	2	2	2	3	1	2	0	3	2	1.9

PERCENTAGE OF DATA VALID - 35.2

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 64.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE													
MONTH - NOV 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	0	0	3	0	0	0	0	1	0	4	1
2	2	0	0	1	1	1	1	1	0	3	3	2	1
3	0	2	0	2	3	1	2	1	1	0	3	2	1
4	4	2	0	5	4	4	2	2	4	2	3	0	3
5	2	1	0	3	1	1	0	0	0	0	2	2	1
6	0	0	2	2	0	3	3	2	0	0	0	0	1
7	4	0	1	4	2	0	1	6	2	***	***	0	2
8	4	0	1	0	0	2	0	2	2	2	2	1	1
9	0	2	0	1	2	0	0	2	0	0	2	0	1
10	1	2	3	2	3	2	0	2	0	1	0	2	2
11	0	0	2	0	1	3	3	1	2	0	0	2	1
12	0	3	1	0	1	0	2	2	0	0	4	2	1
13	6	1	1	2	0	0	0	2	0	5	0	4	3
14	2	3	2	5	2	0	5	2	3	2	5	2	3
15	3	3	0	3	6	4	7	3	4	0	2	3	3
16	3	2	2	2	3	3	0	5	2	2	4	3	3
17	2	3	4	3	2	3	3	0	0	0	5	2	2
18	2	2	2	0	0	2	3	5	0	5	0	2	2
19	0	3	2	2	0	3	0	0	2	2	5	0	2
20	7	0	0	0	0	0	5	0	2	0	5	0	2
21	2	5	3	0	1	3	2	2	3	0	2	0	2
22	3	2	2	3	4	3	2	2	2	3	2	5	3
23	0	0	0	0	3	0	2	0	2	0	4	3	1
24	2	0	5	2	2	0	5	0	5	0	2	3	2
25	0	0	0	5	0	3	0	3	0	2	0	2	1
26	0	0	2	0	4	0	0	0	2	0	0	0	1
27	0	2	0	0	2	5	0	0	0	0	0	0	2
28	3	3	0	12	2	6	2	0	4	0	3	5	3
29	3	3	0	3	9	2	7	0	2	6	0	4	3
30	0	0	5	0	0	0	0	4	2	0	7	0	2
MEAN	2	2	1	2	2	2	2	2	2	1	3	2	1.8

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE													
MONTH - DEC 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	9	0	0	7	5	0	0	4	2	2	0	2
2	0	0	0	0	3	2	2	2	4	1	0	0	1
3	3	1	0	2	0	2	0	2	3	3	3	2	2
4	3	0	3	0	2	0	3	0	6	1	7	3	2
5	2	3	0	2	1	0	2	2	2	4	1	6	2
6	0	3	0	3	3	2	3	0	4	2	2	3	2
7	0	0	2	11	2	6	0	3	0	2	0	2	2
8	0	6	4	9	15	6	3	0	3	0	2	0	4
9	3	1	4	0	6	0	2	0	2	0	2	3	2
10	2	7	0	3	0	5	2	2	6	5	7	3	4
11	5	2	3	5	3	4	1	6	2	11	5	15	5
12	5	2	3	3	3	1	2	3	4	5	2	0	3
13	2	0	3	0	6	0	2	2	0	6	7	0	2
14	0	0	3	7	15	17	7	7	4	0	2	2	5
15	1	2	0	3	4	5	0	2	1	5	2	2	2
16	0	0	3	2	2	4	1	2	1	2	2	2	2
17	3	0	0	2	0	0	0	0	0	2	3	2	1
18	0	0	0	2	2	0	2	0	0	0	0	2	1
19	0	2	0	0	0	2	3	1	3	0	2	0	1
20	1	1	0	2	0	2	2	2	0	1	0	2	1
21	0	0	0	3	0	2	2	0	3	5	0	0	1
22	3	2	0	2	0	3	2	1	1	0	2	0	1
23	2	0	0	2	0	2	1	0	0	1	1	1	1
24	5	1	2	2	0	3	0	5	2	2	0	2	2
25	0	3	0	2	0	0	4	0	0	0	3	2	1
26	2	0	0	0	2	2	0	0	2	0	2	2	1
27	0	0	0	0	1	3	0	2	0	1	2	2	1
28	0	2	0	3	0	3	0	0	0	2	2	2	1
29	2	2	2	0	4	4	0	2	0	3	3	2	2
30	5	3	0	0	2	6	4	2	1	6	7	5	3
31	2	3	0	3	1	3	2	0	3	0	4	2	2
MEAN	2	2	1	2	3	3	2	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.6	9	21
FEB	28	3.0	6	12
MAR	31	3.0	11	21
APR	16	0.9	2	7
MAY	31	1.9	4	15
JUN	26	1.9	4	9
JUL	22	2.2	4	9
AUG	10	1.9	3	8
SEP	28	1.5	3	19
OCT	31	1.9	5	16
NOV	30	1.8	3	12
DEC	31	2.1	5	17
YEAR	315	2.2	11	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	253	105	10	1	1	0	0	370
FEB	249	84	3	0	0	0	0	336
MAR	288	72	7	4	1	0	0	372
APR	196	6	0	0	0	0	0	202
MAY	324	44	2	0	0	0	0	370
JUN	301	32	0	0	0	0	0	333
JUL	231	34	0	0	0	0	0	265
AUG	114	17	0	0	0	0	0	131
SEP	330	9	0	1	0	0	0	340
OCT	332	35	2	1	0	0	0	370
NOV	324	33	1	0	0	0	0	358
DEC	328	38	5	1	0	0	0	372
YEAR	3270	509	30	8	2	0	0	3819

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
87.2	0	0.0	0.0	1.3	2.3	4.8	6.4	8.4	10.1	21	2.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE													MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	2	2	2	0	2	2	2	1	0	5	-	2	
2	2	0	2	2	3	2	1	5	3	5	8	-	3	
3	1	7	2	4	3	7	4	5	4	5	1	-	4	
4	5	5	3	7	6	3	7	6	5	7	8	-	6	
5	4	2	5	8	5	3	3	2	7	4	1	-	4	
6	5	7	7	15	9	6	2	7	7	5	3	-	7	
7	3	3	6	5	***	0	6	2	2	7	2	-	4	
8	0	2	7	3	5	0	4	2	2	2	3	-	3	
9	0	0	0	0	3	2	1	2	5	1	1	-	1	
10	0	1	3	4	2	0	1	2	2	1	2	-	2	
11	2	1	3	3	3	2	2	0	3	2	5	-	2	
12	2	6	4	2	6	3	0	3	4	2	0	-	3	
13	3	5	4	8	5	2	0	4	2	6	5	-	4	
14	6	5	8	12	11	12	11	9	11	12	6	-	9	
15	8	5	8	6	2	4	0	4	6	4	2	-	4	
16	2	1	1	4	2	0	2	3	0	2	3	-	2	
17	4	5	0	4	4	5	4	0	0	2	2	-	3	
18	0	2	6	0	***	3	1	1	2	2	4	-	2	
19	2	2	0	4	2	1	2	2	6	3	4	-	3	
20	2	4	2	8	3	6	9	4	3	2	0	-	4	
21	9	8	8	6	5	6	1	7	5	5	0	-	5	
22	0	2	2	0	3	2	1	3	2	3	6	-	2	
23	2	4	1	4	1	3	2	6	7	12	6	-	4	
24	6	2	4	7	4	3	8	6	8	12	7	-	6	
25	4	9	5	9	***	9	7	2	5	3	4	-	6	
26	2	0	0	8	3	2	2	2	3	0	5	-	2	
27	0	0	5	0	2	3	5	5	2	4	0	-	2	
28	9	0	13	9	4	7	3	3	3	5	3	-	5	
29	1	4	5	2	2	0	2	0	5	2	4	-	2	
30	11	3	0	5	3	2	4	0	0	2	0	-	3	
31	7	3	4	3	4	3	2	2	6	4	0	-	3	
MEAN	3	3	4	5	4	3	3	3	4	4	3	***	3.6	

PERCENTAGE OF DATA VALID - 90.9

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 8.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE													MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	4	4	3	***	-	-	-	-	-	-	-	*****	
2						- DATA UNAVAILABLE -								
3						- DATA UNAVAILABLE -								
4						- DATA UNAVAILABLE -								
5						- DATA UNAVAILABLE -								
6						- DATA UNAVAILABLE -								
7						- DATA UNAVAILABLE -								
8						- DATA UNAVAILABLE -								
9						- DATA UNAVAILABLE -								
10						- DATA UNAVAILABLE -								
11						- DATA UNAVAILABLE -								
12						- DATA UNAVAILABLE -								
13						- DATA UNAVAILABLE -								
14						- DATA UNAVAILABLE -								
15						- DATA UNAVAILABLE -								
16						- DATA UNAVAILABLE -								
17						- DATA UNAVAILABLE -								
18						- DATA UNAVAILABLE -								
19						- DATA UNAVAILABLE -								
20						- DATA UNAVAILABLE -								
21						- DATA UNAVAILABLE -								
22						- DATA UNAVAILABLE -								
23						- DATA UNAVAILABLE -								
24						- DATA UNAVAILABLE -								
25						- DATA UNAVAILABLE -								
26						- DATA UNAVAILABLE -								
27						- DATA UNAVAILABLE -								
28						- DATA UNAVAILABLE -								
MEAN	2	4	4	3	***	***	***	***	***	***	***	***	3.3	

PERCENTAGE OF DATA VALID - 1.2

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 98.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE													MONTH - MAR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	-	-	-	-	-	-	-	****	4	2	2	2	****	6
2	4	7	6	5	7	0	4	5	5	5	9	9	6	5
3	7	5	4	11	9	7	2	6	2	3	4	2	5	3
4	9	3	3	6	2	5	0	5	0	2	2	4	2	2
5	0	5	0	4	3	2	3	0	2	4	0	0	2	2
6	4	4	0	0	2	2	2	0	2	0	4	2	2	2
7	3	0	3	3	2	2	0	0	5	0	5	3	5	4
8	4	0	9	5	7	7	3	****	7	3	3	3	4	8
9	3	11	5	5	5	5	0	1	4	11	13	14	8	11
10	0	6	4	15	19	4	0	7	4	11	13	14	8	11
11	17	11	9	15	17	17	11	7	4	9	9	7	11	6
12	17	7	11	7	5	5	2	5	3	7	5	3	6	4
13	2	2	5	5	0	0	2	0	0	9	9	15	4	3
14	5	2	0	9	2	3	3	2	5	2	5	2	3	5
15	3	3	11	5	9	****	6	4	6	2	2	0	5	3
16	9	2	0	7	3	4	4	3	2	3	0	2	3	2
17	0	0	2	0	4	0	4	0	0	3	0	9	2	2
18	2	2	0	0	3	0	6	3	0	2	0	0	2	2
19	2	0	0	3	6	3	0	0	2	4	4	11	3	5
20	9	12	11	4	6	2	3	7	1	0	0	0	5	3
21	6	6	5	5	0	0	0	2	2	2	6	4	3	2
22	3	7	2	4	1	1	2	0	4	2	0	2	2	2
23	0	2	0	4	2	2	2	****	0	5	0	2	2	3
24	2	3	2	2	2	4	2	0	5	3	3	2	3	5
25	0	2	0	3	3	0	2	0	3	7	2	0	2	2
26	2	0	0	0	4	0	0	3	0	7	7	5	5	6
27	7	6	9	11	8	3	3	3	2	4	0	1	6	4
28	0	7	2	8	10	5	11	6	5	9	7	7	6	4
29	7	3	4	6	9	2	0	5	3	3	2	3	7	6
30	9	7	11	19	7	7	1	2	0	2	5	3	4	2
31	5	0	3	2	0	3	0	2	0	0	3	3	2	3.9
MEAN	5	4	4	6	5	3	3	3	3	4	4	4	3.9	

PERCENTAGE OF DATA VALID - 97.0 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 1.9

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE													MONTH - APR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	3	2	4	1	****	3	2	7	2	2	3	4
2	8	6	8	3	2	4	5	2	4	2	2	0	2	5
3	4	0	2	0	9	0	2	0	3	0	3	0	2	2
4	4	4	2	7	4	0	6	10	5	5	10	2	2	2
5	1	2	5	2	2	0	3	0	3	0	2	2	2	3
6	2	0	2	7	2	1	0	4	5	0	7	0	3	1
7	5	7	5	0	3	2	0	0	2	3	0	2	1	2
8	0	0	0	2	0	0	0	0	0	2	1	6	2	4
9	3	2	0	2	2	0	6	2	0	3	7	10	4	5
10	2	2	2	4	9	0	6	2	0	3	7	10	4	5
11	6	7	6	9	9	5	10	3	5	2	1	2	5	7
12	2	2	4	2	2	****	9	3	6	6	3	11	5	2
13	13	15	14	8	2	4	4	4	5	3	2	5	7	2
14	2	1	7	2	0	1	3	6	0	0	1	3	2	2
15	2	0	2	1	5	1	0	2	2	1	3	2	2	3
16	4	2	3	0	4	2	3	3	0	2	0	2	2	3
17	0	4	0	2	0	2	0	2	0	4	8	9	3	4
18	4	9	8	17	18	13	8	5	7	6	12	4	9	3
19	3	9	13	14	9	9	3	1	4	5	10	9	7	4
20	4	11	9	13	15	15	4	6	4	8	9	11	9	3
21	7	14	9	9	6	11	5	7	8	0	7	4	7	2
22	6	3	6	3	6	0	4	0	3	2	1	3	3	2
23	0	2	0	2	2	4	3	0	0	0	2	2	2	3
24	5	2	6	3	0	3	0	5	0	3	0	3	3	2
25	4	2	6	5	0	4	0	4	0	1	7	5	3	4
26	10	6	11	4	5	0	2	0	4	9	3	5	2	3
27	9	10	2	7	3	2	1	4	0	3	6	3	4	2
28	0	0	6	0	4	2	0	2	2	1	3	3	2	3
29	3	2	2	1	5	2	3	2	2	3	4	2	3	4
30	7	3	6	5	7	5	2	2	6	3	2	4	4	3
MEAN	4	4	5	5	5	3	3	3	3	3	4	4	3.8	

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE													MONTH - MAY 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	8	5	7	9	2	2	1	1	3	2	1	4	
2	3	1	0	2	4	3	5	0	1	2	7	7	3	
3	7	2	4	2	2	0	2	1	7	3	9	7	4	
4	7	6	4	4	0	4	2	0	4	5	4	2	4	
5	2	1	7	8	2	5	7	7	5	3	5	17	6	
6	15	20	10	3	2	4	0	2	3	2	2	3	6	
7	0	3	2	0	0	5	5	3	0	0	1	7	2	
8	0	0	2	2	0	1	4	3	0	2	0	0	1	
9	5	0	0	3	4	5	4	1	4	1	1	1	2	
10	0	5	3	3	3	2	1	3	0	0	8	2	3	
11	2	0	4	1	4	0	1	2	0	6	11	5	3	
12	2	2	7	13	2	2	0	2	0	0	3	3	3	
13	2	0	3	3	1	2	4	1	1	6	0	0	2	
14	1	2	2	0	1	3	0	0	3	0	0	0	1	
15	0	2	0	2	0	0	0	0	2	0	7	10	2	
16	6	6	2	15	9	7	4	3	0	3	2	14	6	
17	8	9	18	8	6	7	6	5	4	2	5	0	7	
18	4	2	2	8	0	2	2	7	1	0	5	6	3	
19	0	2	2	6	1	1	3	4	2	2	3	13	3	
20	0	8	8	5	9	8	4	2	4	3	4	2	5	
21	7	10	6	9	4	2	2	3	3	2	4	7	5	
22	8	7	0	6	6	2	0	0	5	7	1	6	4	
23	5	7	0	2	10	1	0	2	3	1	2	2	3	
24	6	4	13	6	7	6	0	5	6	6	7	1	6	
25	17	9	10	5	5	2	7	3	11	9	0	7	7	
26	0	1	1	5	0	3	0	0	5	9	1	7	3	
27	0	3	3	7	3	1	7	1	3	3	3	9	4	
28	5	5	5	3	3	1	0	3	1	0	0	2	2	
29	1	3	9	3	7	1	3	0	3	0	3	3	3	
30	3	0	7	3	5	1	0	0	1	0	3	13	3	
31	13	5	2	7	3	3	0	4	5	5	0	3	4	
MEAN	4	4	5	5	4	3	2	2	3	3	3	5	3.6	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE													MONTH - JUN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	1	0	1	0	4	3	3	1	0	0	3	1	
2	1	5	1	9	5	1	9	1	0	1	3	9	4	
3	5	3	5	5	***	3	0	3	0	0	0	4	3	
4	5	1	1	4	0	0	3	3	0	1	9	0	2	
5	1	1	2	4	2	0	3	0	1	2	0	1	1	
6	3	3	7	7	9	0	5	0	7	5	2	3	2	
7	0	1	1	1	5	0	1	0	2	3	1	3	2	
8	3	3	3	3	0	1	1	1	3	1	5	4	2	
9	3	1	3	1	5	3	3	2	3	0	0	1	2	
10	0	1	1	5	0	5	5	1	0	0	4	1	2	
11	0	0	1	1	0	0	0	1	0	5	3	0	1	
12	1	0	3	0	3	0	1	1	0	3	5	7	2	
13	0	7	5	3	0	1	3	1	0	0	3	0	2	
14	3	3	3	9	0	4	2	3	5	2	9	3	4	
15	0	2	2	4	2	1	4	0	1	0	7	2	3	
16	6	3	4	5	2	3	2	0	6	3	1	5	2	
17	9	2	2	11	3	9	2	3	0	3	2	9	5	
18	3	6	5	3	2	4	1	4	2	2	0	2	3	
19	0	4	0	5	0	1	0	0	0	1	0	5	1	
20	2	8	9	3	7	5	2	1	5	0	8	0	4	
21	3	0	11	3	7	2	2	4	2	8	1	7	4	
22	0	9	0	6	0	5	3	4	4	0	8	0	3	
23	10	2	5	7	1	3	2	5	6	2	2	2	3	
24	9	2	13	15	9	***	6	5	6	7	5	5	7	
25	8	7	0	0	3	0	7	1	2	0	7	3	3	
26	0	0	4	0	0	1	3	0	2	4	0	9	2	
27	2	3	7	10	1	5	2	3	0	4	2	5	4	
28	13	3	8	8	2	6	0	7	0	7	2	3	5	
29	0	2	5	6	2	3	5	3	5	2	2	3	3	
30	0	4	5	7	2	1	0	7	2	4	0	0	3	
MEAN	3	3	4	5	2	2	3	2	2	2	3	3	2.9	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE													MONTH - SEP 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	9	****	****	3	3	8	6	2	2	3	6	2	4	
2	3	4	2	4	6	3	4	7	0	5	6	6	4	
3	0	0	1	2	0	0	0	0	0	2	****	****	1	
4	0	0	0	0	2	0	0	0	1	0	0	0	1	
5	0	0	3	0	2	2	0	3	2	0	2	2	6	
6	0	1	5	4	7	1	****	4	5	2	3	1	3	
7	5	9	6	4	2	3	0	0	2	2	1	0	3	
8	2	3	0	3	4	6	1	0	4	3	0	0	2	
9	1	7	2	5	3	2	2	2	6	3	7	4	4	
10	4	0	2	2	2	3	2	1	2	0	4	0	2	
11	0	2	0	2	0	2	0	2	0	1	2	0	1	
12	3	1	6	6	7	5	2	4	4	2	5	2	4	
13	0	5	2	3	0	4	2	9	4	4	3	4	3	
14	3	2	4	4	2	0	4	0	5	2	4	0	3	
15	2	2	7	4	3	0	2	0	0	6	0	2	2	
16	0	2	0	5	3	3	1	8	2	11	10	13	5	
17	6	4	2	8	3	2	0	2	2	3	1	6	3	
18	3	2	2	2	3	2	7	3	4	0	2	4	3	
19	4	0	3	2	6	5	3	0	2	2	1	2	3	
20	2	0	2	5	6	5	4	3	3	2	2	0	3	
21	1	0	0	2	3	2	2	2	0	2	4	4	2	
22	5	3	5	3	1	4	0	2	6	2	9	7	4	
23	3	4	2	7	1	4	5	2	1	3	5	6	4	
24	4	0	4	0	3	****	****	****	****	****	****	****	****	
25	****	****	****	****	****	****	****	****	****	****	****	****	****	
26	4	1	0	0	5	2	0	0	2	3	8	3	2	
27	2	0	4	1	4	2	4	0	1	2	2	3	2	
28	0	2	4	3	4	0	2	2	0	5	2	9	3	
29	9	2	3	15	12	3	3	0	11	3	7	3	6	
30	4	6	3	9	11	4	9	11	2	0	1	0	5	
MEAN	3	2	3	4	4	3	2	2	3	3	4	3	2.9	

PERCENTAGE OF DATA VALID - 94.2

PERCENTAGE OF DATA INVALID - 5.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE													MONTH - OCT 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	1	0	2	4	2	3	0	1	1	7	2	
2	0	1	5	1	0	2	1	0	2	3	3	3	2	
3	3	1	2	0	0	0	0	0	4	0	0	2	1	
4	1	0	0	5	0	5	3	2	2	3	7	5	3	
5	9	7	0	12	4	8	0	0	3	1	2	2	4	
6	5	4	4	8	3	5	2	4	3	3	2	7	4	
7	5	0	0	3	4	0	2	3	0	5	2	0	2	
8	2	2	4	2	1	5	3	3	0	0	0	3	2	
9	0	0	2	5	1	0	2	0	2	3	0	0	1	
10	0	0	3	0	2	4	0	3	0	7	3	2	2	
11	3	3	3	2	3	2	3	0	3	5	2	2	3	
12	2	3	2	4	****	2	5	0	5	2	0	0	2	
13	9	3	8	11	8	3	5	3	2	0	3	7	5	
14	8	9	13	17	8	13	9	0	5	2	9	7	8	
15	9	5	11	5	6	11	2	6	5	5	3	2	6	
16	4	0	4	5	0	0	4	2	1	0	3	0	2	
17	2	2	0	3	0	0	0	3	5	9	3	7	3	
18	2	5	15	10	0	5	3	5	2	3	3	15	6	
19	17	5	15	17	11	13	2	5	2	8	2	0	8	
20	0	2	9	14	2	5	2	8	2	7	0	9	5	
21	13	9	2	5	11	7	1	3	1	5	2	3	5	
22	3	8	5	3	3	3	0	0	0	0	0	3	2	
23	0	0	2	0	0	2	6	0	5	5	3	3	2	
24	5	3	10	5	11	17	****	0	6	9	13	26	10	
25	11	18	15	21	17	12	9	8	4	19	10	7	13	
26	6	9	13	19	17	7	2	3	6	13	3	3	8	
27	9	13	3	21	13	7	9	3	11	12	5	0	9	
28	2	2	0	13	0	4	4	2	3	0	4	2	3	
29	1	5	0	5	3	8	1	5	5	6	5	4	4	
30	7	5	0	0	5	0	0	2	0	8	10	7	4	
31	0	8	5	9	0	0	2	3	9	7	7	5	5	
MEAN	5	4	5	7	5	5	3	3	3	5	4	5	4.3	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE													MONTH - NOV 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	2	3	2	0	3	3	7	3	0	3	2	
2	5	2	2	5	12	2	0	2	3	0	5	3	3	
3	3	0	3	4	7	5	2	5	4	5	3	5	4	
4	3	7	6	9	6	0	7	2	0	0	8	5	4	
5	0	3	0	5	3	0	9	0	3	0	5	0	2	
6	3	3	9	0	7	5	5	0	2	6	3	5	4	
7	2	0	2	5	4	2	0	2	2	2	3	9	3	
8	0	2	2	0	2	0	5	0	9	0	0	0	2	
9	2	5	3	3	0	7	***	0	5	3	2	7	3	
10	2	9	8	2	8	5	3	3	7	2	0	0	4	
11	0	0	0	0	3	0	4	1	5	2	4	3	2	
12	2	5	0	0	1	0	3	0	3	0	0	5	2	
13	0	0	0	2	7	0	0	2	0	2	***	***	1	
14	5	7	7	2	9	5	5	4	0	3	5	7	4	
15	2	4	2	3	9	9	2	0	2	0	2	7	6	
16	4	6	7	4	11	10	0	2	9	7	5	2	4	
17	8	3	6	3	13	4	3	3	5	2	1	8	3	
18	2	3	4	5	5	2	2	0	3	0	2	2	2	
19	0	1	2	2	2	4	3	2	3	0	0	2	3	
20	5	4	4	7	2	3	1	0	2	5	3	2	3	
21	5	2	2	5	3	4	2	8	2	4	2	3	4	
22	5	4	3	1	5	2	3	***	5	3	3	3	3	
23	7	0	2	2	0	2	2	3	3	0	0	4	2	
24	2	7	3	0	3	2	3	5	3	0	2	2	3	
25	3	0	2	5	2	3	0	4	0	0	2	0	2	
26	0	2	0	0	4	0	0	0	0	2	0	0	1	
27	0	0	3	0	0	2	2	0	0	0	0	2	1	
28	0	2	3	0	5	5	3	5	5	0	3	0	3	
29	5	0	5	3	5	7	5	2	7	7	5	3	5	
30	13	7	4	12	9	5	2	2	6	2	2	5	6	
MEAN	3	3	3	3	5	3	3	2	4	2	2	3	3.0	

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE													MONTH - DEC 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	3	2	3	4	0	0	6	0	2	2	2	
2	0	0	0	2	0	2	2	0	4	2	5	0	1	
3	3	0	2	3	0	0	0	0	0	3	9	5	2	
4	2	0	2	0	2	0	0	0	0	3	2	0	3	
5	5	0	2	3	3	7	2	2	2	2	1	3	2	
6	3	0	2	3	3	0	3	0	5	3	3	3	3	
7	1	2	2	6	13	13	7	6	3	3	2	2	6	
8	7	2	3	7	13	6	2	3	4	3	0	5	3	
9	5	2	0	0	0	6	2	3	3	5	12	14	4	
10	0	0	2	3	3	2	0	3	3	5	12	14	4	
11	13	0	2	0	8	6	0	3	4	8	12	9	5	
12	9	5	5	7	9	2	3	7	5	5	8	2	6	
13	2	2	2	3	3	5	5	5	2	5	2	7	4	
14	5	9	15	7	14	7	8	4	1	2	2	2	6	
15	2	2	0	4	6	4	3	***	13	5	0	2	4	
16	0	4	4	0	5	7	2	3	0	5	5	3	3	
17	2	3	0	2	3	0	3	2	2	3	0	3	2	
18	2	3	5	0	2	0	0	5	7	0	5	0	2	
19	0	0	0	5	0	2	0	2	3	3	0	0	1	
20	2	2	5	3	2	0	2	0	2	0	3	0	2	
21	0	0	4	0	4	3	2	2	4	2	3	0	2	
22	3	2	2	5	3	2	3	2	7	2	4	3	3	
23	3	3	0	2	3	0	0	3	0	5	2	2	2	
24	3	0	2	5	3	0	9	3	2	0	0	3	1	
25	2	0	2	2	0	3	0	3	2	3	2	0	1	
26	0	0	3	3	2	0	0	0	2	2	3	2	1	
27	0	0	3	0	3	0	0	***	7	2	3	2	2	
28	2	0	2	5	5	2	0	2	2	7	0	0	3	
29	5	2	3	7	3	2	2	9	9	9	0	7	4	
30	0	0	0	7	3	2	2	7	9	9	0	7	4	
31	2	5	9	13	7	4	4	5	6	2	0	2	5	
MEAN	3	2	3	3	4	3	2	3	4	3	3	3	2.9	

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.6	9	15
FEB	0	3.3	****	4
MAR	30	3.9	11	19
APR	30	3.8	9	18
MAY	31	3.6	7	20
JUN	30	2.9	7	15
JUL	30	3.1	6	17
AUG	24	2.9	6	16
SEP	28	2.9	6	15
OCT	31	4.3	13	26
NOV	30	3.0	6	13
DEC	31	2.9	6	15
YEAR	326	3.4	13	26

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	227	100	11	0	0	0	0	338
FEB	4	0	0	0	0	0	0	4
MAR	236	101	18	6	0	0	0	361
APR	246	93	17	2	0	0	0	358
MAY	252	106	10	4	0	0	0	372
JUN	266	87	5	0	0	0	0	358
JUL	264	92	4	1	0	0	0	361
AUG	230	58	3	1	0	0	0	292
SEP	270	62	7	0	0	0	0	339
OCT	230	102	26	9	3	0	0	370
NOV	256	95	5	0	0	0	0	356
DEC	286	74	10	0	0	0	0	370
YEAR	2767	970	116	23	3	0	0	3879

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
88.6	0	0.0	1.1	2.1	3.8	6.9	8.8	12.2	14.2	26	3.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44007 2037 PINE ST BURLINGTON													MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	7	0	2	0	7	0	5	0	5	0	2	2
2	1	2	1	2	0	2	0	7	1	1	3	1	2	2
3	0	2	2	5	3	6	5	5	5	3	2	5	4	4
4	8	7	8	0	3	3	***	3	0	4	4	5	4	4
5	4	6	12	1	4	0	3	1	2	2	3	2	3	3
6	7	4	1	9	10	8	2	12	4	5	3	6	6	6
7	4	3	7	11	3	3	2	3	2	0	2	3	4	4
8	8	0	5	0	2	6	2	2	6	1	0	2	3	3
9	5	1	2	0	2	2	2	1	3	2	0	0	2	2
10	0	2	5	0	2	2	2	1	0	5	0	2	2	2
11	2	3	2	2	2	1	0	0	0	2	4	6	2	2
12	2	0	9	9	3	2	8	0	9	3	2	2	4	4
13	6	0	5	4	6	8	2	6	4	6	6	7	5	5
14	7	4	7	8	7	6	9	7	5	5	4	8	6	6
15	9	5	2	0	6	0	2	1	1	0	2	2	3	3
16	10	0	4	2	5	3	3	3	2	3	1	0	3	3
17	3	2	0	2	2	2	***	2	1	4	1	0	2	2
18	1	2	7	5	6	0	3	2	2	0	4	1	3	3
19	2	0	3	3	6	2	2	2	2	3	3	0	2	2
20	0	2	2	6	2	5	4	6	1	2	7	8	4	4
21	3	7	10	6	2	0	3	0	2	3	2	4	4	4
22	6	2	2	2	1	2	3	5	0	0	3	3	2	2
23	2	2	0	11	0	5	0	6	0	3	0	7	3	3
24	2	0	0	8	5	8	0	3	10	0	5	5	4	4
25	5	3	6	9	1	8	3	5	2	2	0	5	4	4
26	0	2	2	4	5	3	2	2	3	3	3	0	2	2
27	0	0	0	0	5	1	2	2	6	5	3	2	2	2
28	2	2	2	5	0	4	2	2	2	1	0	1	2	2
29	0	3	5	0	0	3	1	3	2	3	2	3	2	2
30	6	0	1	4	2	4	0	0	0	0	0	0	1	1
31	0	0	6	5	3	6	8	4	3	5	5	2	4	4
MEAN	3	2	4	4	3	3	3	3	3	2	3	3	3.1	3.1

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44007 2037 PINE ST BURLINGTON													MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	2	0	0	0	1	0	1	4	3	0	1	1
2	0	3	5	0	2	2	0	3	2	4	7	3	3	3
3	4	7	2	7	4	4	1	0	7	3	2	2	4	4
4	2	0	2	0	6	1	2	0	5	3	0	0	2	2
5	0	3	0	0	0	0	0	3	2	0	3	2	1	1
6	0	0	2	7	1	6	3	2	4	2	0	3	3	3
7	2	5	2	2	1	0	2	3	3	0	3	0	2	2
8	1	2	2	2	2	8	5	6	2	3	5	3	3	3
9	2	2	4	3	6	3	3	8	6	3	5	5	4	4
10	0	4	2	13	17	14	0	2	2	2	7	17	7	7
11	6	6	2	2	5	0	2	3	2	5	7	4	4	4
12	3	3	5	0	4	1	3	3	2	9	0	7	3	3
13	3	2	2	2	0	2	0	0	2	4	0	0	1	1
14	1	0	2	5	0	0	***	***	2	4	0	5	2	2
15	5	2	1	3	7	3	8	0	2	2	0	0	3	3
16	0	2	7	1	0	2	3	7	3	0	3	0	2	2
17	1	0	0	0	4	7	2	2	4	6	0	2	2	2
18	0	8	0	2	3	3	2	8	3	6	6	4	4	4
19	6	0	3	3	3	0	0	1	0	0	3	0	2	2
20	2	0	6	2	0	0	2	0	6	6	0	0	2	2
21	2	0	2	1	2	0	4	0	2	2	0	2	1	1
22	2	2	3	3	0	5	3	1	0	6	2	10	3	3
23	5	0	4	0	2	0	2	2	0	0	1	1	1	1
24	0	2	0	4	2	8	8	11	6	4	7	2	5	5
25	7	0	2	2	0	3	4	2	0	5	2	0	2	2
26	0	0	3	10	3	0	0	5	1	7	2	1	3	3
27	0	2	0	5	4	2	5	0	3	0	0	2	2	2
28	0	0	1	6	0	0	5	4	0	1	0	0	1	1
MEAN	2	2	2	3	3	3	3	3	3	3	2	3	2.6	2.6

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44007 2037 PINE ST BURLINGTON													MONTH - MAR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	4	3	0	2	1	0	2	0	6	2	3	0	2	
2	0	1	0	2	4	1	1	4	2	2	2	5	2	
3	7	4	8	4	6	1	1	0	0	2	2	0	3	
4	0	0	3	3	2	4	3	3	0	3	0	1	2	
5	4	2	3	0	0	7	2	0	2	7	0	2	2	
6	2	3	3	0	6	0	3	5	1	0	0	3	2	
7	1	0	0	2	1	1	3	3	2	6	2	3	2	
8	0	2	3	2	2	0	4	3	6	2	0	2	2	
9	2	2	3	0	1	0	5	2	3	10	3	0	3	
10	0	1	4	1	4	3	1	0	3	2	11	9	3	
11	15	15	17	7	4	9	3	3	8	5	6	12	9	
12	8	8	4	4	8	3	5	2	0	0	2	0	4	
13	3	1	0	3	3	0	4	3	0	1	3	0	2	
14	0	0	5	2	***	***	0	7	5	6	4	0	3	
15	7	3	10	9	7	2	8	2	6	4	0	0	5	
16	0	3	2	0	0	0	0	2	1	0	6	4	2	
17	0	0	2	2	2	0	2	0	3	11	4	6	3	
18	2	2	5	3	3	2	2	3	8	2	6	3	3	
19	3	0	2	5	0	1	0	1	0	2	3	2	2	
20	2	7	4	2	2	0	0	3	0	3	0	0	2	
21	***	***	0	5	3	0	0	3	5	2	2	5	3	
22	2	5	0	3	3	13	4	0	5	3	2	3	4	
23	4	2	2	2	4	3	2	2	0	***	***	4	3	
24	0	5	0	4	2	5	1	0	7	3	2	6	3	
25	4	0	5	3	1	2	0	3	2	5	0	5	3	
26	0	1	3	5	0	0	0	5	0	2	0	3	2	
27	4	8	2	2	2	0	0	1	5	0	0	2	3	
28	6	3	2	5	2	***	4	2	3	5	0	3	3	
29	4	2	3	3	3	0	2	4	3	0	0	3	2	
30	0	4	3	13	5	4	5	0	2	4	2	0	4	
31	2	3	6	0	5	3	2	2	2	0	3	0	2	
MEAN	3	3	3	3	3	2	2	2	3	3	2	3	2.8	

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44007 2037 PINE ST BURLINGTON													MONTH - APR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	4	2	6	2	2	2	0	0	5	0	3	2	
2	2	0	3	0	2	3	3	0	3	8	3	2	2	
3	2	0	3	0	2	0	2	0	0	2	6	2	2	
4	2	2	0	1	4	2	2	1	0	2	3	2	2	
5	2	2	2	0	1	4	***	***	2	0	0	2	2	
6	2	1	4	2	4	3	3	1	2	3	7	1	3	
7	4	2	0	5	5	4	0	0	2	0	2	0	2	
8	0	0	0	0	4	0	0	0	2	1	4	3	1	
9	0	2	0	3	0	0	1	2	3	2	2	2	1	
10	2	0	2	0	3	0	1	4	2	3	1	2	2	
11	5	2	3	3	4	7	3	2	1	1	2	4	3	
12	2	6	2	2	2	2	5	1	2	0	7	0	3	
13	5	4	6	2	2	2	6	1	2	3	0	0	3	
14	1	0	0	7	7	3	1	1	2	0	3	2	2	
15	2	5	0	5	5	7	1	1	1	0	7	3	3	
16	0	3	3	2	0	2	3	0	5	0	7	7	3	
17	0	5	1	7	0	0	0	1	0	5	5	3	2	
18	5	5	3	3	7	3	1	0	7	3	1	9	4	
19	5	2	0	1	0	5	1	3	5	3	0	5	2	
20	1	3	5	7	7	9	7	5	3	9	3	5	5	
21	1	0	0	3	1	5	3	1	1	1	7	5	2	
22	0	1	0	1	1	0	5	3	5	0	1	0	1	
23	3	0	1	5	0	1	2	2	0	0	2	1	1	
24	1	3	3	3	1	3	0	1	0	1	3	1	2	
25	2	0	0	7	1	***	2	3	0	0	3	5	2	
26	0	0	2	2	2	0	0	0	0	2	0	2	1	
27	5	0	3	0	0	0	2	2	3	2	0	0	2	
28	2	2	0	0	2	3	2	0	1	1	1	2	1	
29	1	3	0	7	0	0	0	0	0	0	0	0	1	
30	0	0	1	2	7	0	2	4	2	0	7	2	2	
MEAN	2	2	2	3	3	2	2	1	2	2	3	2	2.2	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44007 2037 PINE ST BURLINGTON													MONTH - MAY 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	0	0	3	3	0	2	2	0	1	3	1	
2	2	2	0	0	1	2	0	5	2	1	3	0	2	
3	2	2	0	7	0	0	0	3	0	5	3	2	2	
4	0	2	0	2	2	0	0	1	1	0	4	4	1	
5	0	0	3	0	7	2	2	2	3	3	2	2	2	
6	2	3	2	2	2	0	0	2	1	3	0	2	2	
7	0	2	0	3	0	3	0	2	3	0	2	2	2	
8	3	7	2	1	3	0	2	0	4	2	3	0	2	
9	0	0	0	7	***	2	0	0	0	2	3	0	1	
10	7	2	1	0	0	0	2	2	1	0	0	2	1	
11	0	0	3	4	0	0	2	2	2	0	0	4	1	
12	0	0	2	2	0	2	2	9	2	0	1	2	2	
13	2	2	5	0	5	0	2	3	0	2	0	0	2	
14	3	2	0	1	0	2	1	0	3	2	0	0	1	
15	1	0	0	2	2	0	5	2	2	0	3	0	1	
16	0	2	0	3	2	2	4	1	0	5	2	0	2	
17	0	5	4	2	2	5	0	2	4	4	2	11	3	
18	2	4	3	3	0	7	2	2	0	0	0	0	2	
19	3	0	0	9	2	5	3	0	0	3	1	1	2	
20	0	3	0	7	2	2	0	15	2	3	0	0	3	
21	7	0	0	2	4	4	3	3	2	1	3	0	2	
22	7	2	7	6	3	0	2	4	0	0	0	3	3	
23	0	0	3	2	0	2	6	2	3	2	2	7	2	
24	3	2	3	0	***	2	0	3	2	7	2	9	3	
25	3	0	9	9	1	2	1	3	3	0	3	5	3	
26	5	1	2	7	0	2	3	0	0	2	7	3	2	
27	2	0	3	0	1	0	2	5	0	2	2	3	3	
28	3	7	0	0	2	1	7	0	1	1	0	1	2	
29	0	4	2	2	0	0	2	2	0	1	0	3	1	
30	2	5	0	7	0	2	0	2	0	2	7	2	2	
31	3	0	4	2	5	3	2	2	7	3	2	3	3	
MEAN	2	2	2	3	2	2	2	3	2	2	2	2	2.0	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. *** INDICATES DATA IS UNAVAILABLE
3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44007 2037 PINE ST BURLINGTON													MONTH - JUN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	1	2	7	4	0	0	0	3	0	0	2	2	
2	0	0	0	0	2	4	5	3	1	2	3	9	2	
3	7	2	1	5	5	2	3	0	0	5	2	0	3	
4	3	0	2	0	2	2	0	3	0	3	3	2	2	
5	2	3	3	7	0	2	0	0	0	2	0	0	2	
6	0	3	7	6	***	2	5	1	0	0	0	2	2	
7	3	0	4	2	0	0	3	2	0	0	0	0	1	
8	0	3	0	7	0	0	2	0	0	0	0	0	1	
9	3	0	0	2	7	0	3	1	0	0	0	4	2	
10	0	1	2	3	1	5	0	3	2	0	4	0	2	
11	2	2	2	2	3	0	0	0	0	2	1	0	1	
12	0	6	2	3	1	0	3	5	0	2	3	2	2	
13	3	0	2	4	1	0	0	0	6	0	0	3	2	
14	5	0	0	2	0	2	1	2	2	0	0	2	2	
15	2	0	1	2	2	2	3	3	0	0	0	3	2	
16	4	2	2	5	4	3	4	0	2	0	5	0	3	
17	3	4	4	5	0	6	1	4	2	3	0	5	3	
18	0	0	1	0	2	2	0	1	2	0	0	1	1	
19	0	0	2	0	2	2	2	1	0	3	4	1	1	
20	2	4	1	4	2	1	3	0	2	2	0	1	2	
21	0	3	1	3	3	3	0	1	3	3	0	5	2	
22	0	0	7	0	1	3	0	1	2	3	1	0	2	
23	0	1	5	1	1	0	1	4	2	0	0	3	2	
24	3	7	9	3	1	1	5	1	3	1	3	3	3	
25	0	1	3	3	1	0	5	5	3	3	5	1	3	
26	2	1	2	0	2	0	3	0	5	5	0	1	2	
27	1	1	5	3	3	0	1	5	3	0	1	7	3	
28	5	3	5	9	1	7	1	4	2	1	0	1	3	
29	3	3	0	0	1	1	0	5	1	1	0	3	2	
30	1	3	1	1	5	1	1	3	1	1	1	1	2	
MEAN	2	2	3	3	2	2	2	2	2	1	1	2	1.9	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. *** INDICATES DATA IS UNAVAILABLE
3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44007 2037 PINE ST BURLINGTON													MONTH - JUL 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	1	1	0	1	1	1	1	3	0	0	1	1	
2	1	1	0	0	3	1	0	3	0	0	0	1	1	
3	3	0	1	0	0	7	1	3	1	3	1	5	2	
4	3	0	1	0	***	3	0	6	0	3	3	3	2	
5	0	0	1	3	7	1	1	1	3	3	0	4	2	
6	1	0	1	3	1	1	5	1	0	3	4	1	2	
7	3	1	1	1	3	0	1	3	3	2	4	1	2	
8	4	3	3	0	7	3	3	1	1	0	2	1	2	
9	1	0	3	1	0	1	0	0	3	0	2	0	1	
10	0	3	0	1	0	1	0	0	0	0	1	7	1	
11	0	0	1	3	7	2	1	0	5	4	0	3	2	
12	0	2	0	1	5	0	3	5	1	3	3	1	2	
13	0	0	1	1	1	5	1	1	3	0	1	1	1	
14	3	0	7	3	5	4	3	3	5	0	3	1	3	
15	0	2	5	1	6	1	5	4	1	5	1	0	3	
16	3	1	7	5	1	4	1	0	7	0	7	1	3	
17	6	0	1	1	0	0	0	1	3	0	3	0	1	
18	0	2	3	***	-	0	0	6	1	4	2	0	2	
19	4	3	3	2	2	2	5	2	3	6	2	2	3	
20	3	2	2	3	0	2	3	2	3	2	3	3	2	
21	2	0	2	2	1	4	0	2	2	0	0	0	1	
22	2	0	1	2	0	0	1	2	3	3	0	1	1	
23	0	3	0	2	0	1	1	2	2	2	2	1	1	
24	0	3	0	5	0	0	5	0	2	2	0	2	2	
25	2	0	3	4	2	0	5	4	0	0	0	2	2	
26	0	2	3	0	0	0	2	3	0	1	0	2	1	
27	2	0	2	3	2	0	2	3	2	0	2	2	2	
28	3	2	4	3	0	2	3	4	0	2	2	0	2	
29	2	2	2	7	3	2	6	2	6	0	0	2	3	
30	2	3	5	0	1	1	3	4	3	2	2	0	2	
31	2	3	2	2	2	2	0	2	2	5	0	2	2	
MEAN	2	1	2	2	2	2	2	2	2	2	2	2	1.9	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEJS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COHS/1000 FT						
STATION - C NO 44007 2037 PINE ST BURLINGTON							MONTH - AUG 77						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	5	2	0	2	0	0	2	0	0	0	1
2	3	2	0	2	1	***	-	-	-	-	-	-	*****
3	- DATA UNAVAILABLE -												
4	- DATA UNAVAILABLE -												
5	- DATA UNAVAILABLE -												
6	- DATA UNAVAILABLE -												
7	- DATA UNAVAILABLE -												
8	- DATA UNAVAILABLE -												
9	- DATA UNAVAILABLE -												
10	- DATA UNAVAILABLE -												
11	- DATA UNAVAILABLE -												
12	- DATA UNAVAILABLE -												
13	- DATA UNAVAILABLE -												
14	- DATA UNAVAILABLE -												
15	- DATA UNAVAILABLE -												
16	- DATA UNAVAILABLE -												
17	- DATA UNAVAILABLE -												
18	- DATA UNAVAILABLE -												
19	- DATA UNAVAILABLE -												
20	- DATA UNAVAILABLE -												
21	- DATA UNAVAILABLE -												
22	- DATA UNAVAILABLE -												
23	- DATA UNAVAILABLE -												
24	- DATA UNAVAILABLE -												
25	- DATA UNAVAILABLE -												
26	-	-	-	-	-	-	0	2	3	3	0	5	*****
27	3	5	0	2	8	9	2	7	0	0	3	0	3
28	2	3	0	9	5	3	0	0	3	3	0	0	2
29	3	0	2	2	6	0	0	2	2	0	3	0	2
30	3	3	3	4	2	5	0	2	2	2	0	2	2
31	3	5	2	2	3	0	3	0	5	3	2	7	3
MEAN	2	3	2	3	4	3	1	2	2	2	1	2	2.2

PERCENTAGE OF DATA VALID - 22.3

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 77.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEJS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44007 2037 PINE ST BURLINGTON													MONTH - NOV 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	5	0	0	9	0	3	0	1	3	0	3	2	
2	0	2	2	0	7	2	0	6	0	3	9	0	3	
3	2	5	0	9	3	2	***	3	1	3	0	2	3	
4	3	2	3	11	2	2	2	2	2	3	2	5	3	
5	0	2	2	3	0	2	0	2	0	3	2	3	2	
6	3	0	0	0	3	0	2	2	1	0	2	1	1	
7	2	1	0	3	0	0	2	2	1	2	2	5	2	
8	2	2	0	3	10	5	2	3	0	3	1	5	3	
9	2	2	3	0	7	2	2	5	0	8	10	9	4	
10	5	3	2	2	11	9	6	2	6	1	2	2	4	
11	0	3	2	2	11	2	0	2	0	4	2	4	3	
12	0	2	2	0	5	7	2	4	7	0	3	7	3	
13	3	2	0	2	16	2	3	10	3	3	4	5	4	
14	0	4	3	2	23	13	15	5	3	10	13	6	8	
15	7	3	2	6	19	9	0	3	0	6	0	2	5	
16	3	1	0	3	2	3	4	4	3	5	3	2	3	
17	3	3	0	2	0	2	1	0	3	0	0	2	1	
18	2	0	2	2	0	***	0	2	3	1	2	2	1	
19	3	2	0	4	0	1	0	3	3	4	0	2	2	
20	3	7	2	0	0	0	0	3	2	0	3	3	2	
21	0	3	0	3	0	2	3	4	0	2	0	3	2	
22	0	0	3	2	0	3	2	2	0	4	2	3	2	
23	2	2	0	2	0	2	2	3	2	3	0	1	2	
24	1	2	2	2	2	2	0	0	2	0	2	0	1	
25	3	1	0	4	0	***	-	-	-	-	-	-	*****	
26							- DATA UNAVAILABLE -							
27							- DATA UNAVAILABLE -							
28	-	-	-	-	-	***	0	19	5	3	3	0	*****	
29	2	3	7	0	12	6	0	2	7	0	2	0	3	
30	4	8	7	7	8	3	3	0	2	4	2	2	4	
MEAN	2	3	2	3	6	3	2	3	2	3	3	3	2.8	

PERCENTAGE OF DATA VALID - 89.2

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 9.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44007 2037 PINE ST BURLINGTON													MONTH - DEC 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	0	2	0	7	2	2	0	0	0	0	4	2	
2	5	0	3	1	0	2	-	-	-	-	-	-	*****	
3							- DATA UNAVAILABLE -							
4							- DATA UNAVAILABLE -							
5							- DATA UNAVAILABLE -							
6							- DATA UNAVAILABLE -							
7							- DATA UNAVAILABLE -							
8							- DATA UNAVAILABLE -							
9							- DATA UNAVAILABLE -							
10							- DATA UNAVAILABLE -							
11							- DATA UNAVAILABLE -							
12							- DATA UNAVAILABLE -							
13	-	-	-	-	-	-	7	2	3	7	3	4	*****	
14	4	2	9	13	3	5	5	6	2	5	3	7	5	
15	3	7	3	0	5	7	0	5	9	7	3	2	4	
16	3	7	3	0	5	9	3	3	5	0	2	0	3	
17	0	3	0	2	0	0	2	0	0	2	0	2	1	
18	7	0	0	0	0	0	0	3	4	0	2	2	2	
19	3	2	0	7	0	3	4	0	0	2	2	0	2	
20	7	0	1	0	0	0	0	0	0	3	5	3	2	
21	3	5	3	2	3	0	5	0	3	7	0	0	3	
22	0	0	9	0	2	7	0	0	0	0	2	0	2	
23	3	3	0	4	0	5	7	2	3	3	0	9	3	
24	2	2	4	4	7	3	5	12	3	3	7	2	5	
25	0	0	0	2	0	4	2	0	0	5	3	0	1	
26	0	2	0	3	0	2	2	0	2	2	2	0	1	
27	1	2	3	0	2	0	2	0	0	3	0	2	1	
28	3	0	0	0	***	***	2	1	0	0	2	7	3	
29	6	2	0	3	3	3	0	0	3	2	2	2	1	
30	4	5	5	2	5	7	5	3	7	7	11	5	6	
31	2	0	3	0	2	7	0	0	0	3	0	3	2	
MEAN	3	2	2	2	3	3	3	2	2	3	2	3	2.5	

PERCENTAGE OF DATA VALID - 64.0

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 35.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	2	2	2	2	2	2	2	3	2	2	2	
2	3	0	2	0	8	0	0	5	2	2	0	4	2	
3	3	4	1	7	4	6	0	3	2	6	3	4	4	
4	5	7	3	0	6	2	0	3	6	5	8	1	4	
5	3	11	2	7	12	3	1	3	6	5	8	1	4	
6	7	2	0	4	9	3	0	3	1	7	6	5	5	
7	2	2	2	5	7	2	2	4	0	7	6	7	5	
8	4	2	5	2	8	2	6	3	2	5	6	5	3	
9	2	0	2	2	0	2	7	0	6	5	8	2	4	
10	3	1	0	1	0	2	2	3	2	3	2	0	2	
11	2	2	0	0	2	4	0	3	0	2	2	3	2	
12	2	3	5	2	7	2	3	3	2	2	3	5	3	
13	3	2	0	4	6	3	2	6	2	2	4	3	3	
14	8	11	6	15	11	11	6	9	9	7	12	8	9	
15	5	5	0	2	0	0	2	3	0	2	2	0	2	
16							- DATA UNAVAILABLE -							
17	-	-	-	-	-	-	2	2	7	3	0	2	*****	
18	3	2	3	8	2	2	0	5	5	0	6	2	3	
19	1	2	0	3	0	3	0	0	0	3	0	0	1	
20	0	3	0	2	3	6	5	3	8	9	5	5	4	
21	9	3	0	2	7	2	3	1	4	0	5	4	3	
22	3	1	2	3	0	2	0	0	0	5	4	7	2	
23	3	1	0	5	3	2	5	6	11	2	10	7	5	
24	5	9	3	10	4	7	5	7	8	8	8	6	6	
25	8	5	3	4	9	6	10	5	3	3	2	0	1	
26	0	3	0	5	0	3	0	0	3	2	0	0	1	
27	2	5	1	2	0	3	5	3	1	3	1	1	2	
28	2	2	5	1	6	2	3	0	0	2	0	2	2	
29	3	2	2	2	0	4	2	3	3	0	5	2	2	
30	9	3	3	0	0	0	2	0	3	0	0	2	2	
31	2	2	2	3	0	0	****	-	0	2	2	0	1	
MEAN	4	3	2	4	4	3	3	3	4	3	4	3	3.2	

PERCENTAGE OF DATA VALID - 94.1 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 5.1

NOTES 1 ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2 ** INDICATES DATA IS UNAVAILABLE

3 ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	0	0	2	3	0	0	1	2	2	6	6	2	
2	6	3	1	4	0	2	6	2	0	6	2	5	3	
3	2	8	1	0	0	2	0	0	2	2	0	0	1	
4	1	2	2	5	2	4	4	1	2	2	2	3	3	
5	2	0	3	2	3	2	4	0	2	2	5	4	2	
6	0	2	2	0	0	1	4	3	2	0	5	0	2	
7	4	6	3	8	4	4	1	0	5	4	7	0	4	
8	4	1	8	5	8	6	6	6	4	8	6	6	6	
9	6	5	6	4	6	6	4	5	5	7	8	12	6	
10	4	12	12	6	14	8	0	4	5	6	12	18	8	
11	13	5	9	2	4	5	4	3	6	4	13	6	6	
12	4	4	4	6	7	4	4	2	6	4	8	6	5	
13	7	6	0	2	0	2	0	2	0	0	1	2	2	
14	0	1	0	2	4	1	3	2	0	0	8	3	2	
15	0	2	3	0	3	2	0	2	3	1	6	3	2	
16	6	3	2	5	0	0	5	1	2	4	2	2	3	
17	7	3	3	7	12	2	2	9	2	0	*****	5	5	
18	3	8	6	7	13	11	6	8	8	11	5	8	8	
19	****	***	9	2	2	3	2	0	2	1	3	2	3	
20	2	3	0	2	0	0	1	0	2	2	0	3	1	
21	2	0	0	2	0	0	1	2	2	3	1	1	1	
22	3	4	6	5	5	3	3	4	5	6	7	7	5	
23	11	4	0	0	1	2	2	3	1	1	1	1	2	
24	0	1	0	3	2	3	8	8	4	2	3	2	3	
25	0	4	0	0	2	4	0	4	4	0	2	3	2	
26	0	4	0	1	2	2	2	2	2	4	2	3	2	
27	3	4	1	0	2	8	2	2	3	2	1	3	3	
28	0	2	2	2	0	2	2	0	3	1	0	3	1	
MEAN	4	4	3	3	4	3	3	3	3	3	4	4	3.3	

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COHS/1000 FT							
STATION - C NO 44010 1298 REBECCA ST OAKVILLE							MONTH - MAY 77							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	5	3	3	9	7	1	3	9	0	3	3		
2	3	1	3	1	0	0	1	0	1	1	5	1	1	
3	5	4	3	1	0	0	0	1	0	3	5	1	2	
4	4	3	0	3	3	0	0	1	1	2	1	3	2	
5	4	0	1	0	5	1	1	5	4	5	3	7	3	
6	11	1	1	3	0	0	0	0	1	3	0	3	2	
7	1	1	0	0	0	1	1	3	3	1	5	1	1	
8	0	0	1	1	3	0	5	1	1	0	0	0	1	
9	1	1	1	3	0	5	1	0	***	0	0	1	1	
10	0	0	0	1	1	0	1	1	5	3	3	0	1	
11	0	3	5	1	3	3	0	0	1	0	0	3	2	
12	0	5	7	11	3	5	1	7	0	1	5	3	4	
13	5	3	1	1	1	9	0	1	3	3	1	3	3	
14	3	3	0	1	0	0	0	3	0	1	1	3	1	
15	0	5	1	0	0	1	1	0	5	0	3	7	2	
16	3	0	3	5	3	3	3	4	1	7	0	0	3	
17	0	3	3	9	1	1	3	0	5	0	5	1	3	
18	7	7	0	5	3	3	2	0	3	0	***	1	3	
19							- DATA UNAVAILABLE -							3
20							- DATA UNAVAILABLE -							
21							- DATA UNAVAILABLE -							
22							- DATA UNAVAILABLE -							
23							- DATA UNAVAILABLE -							
24	-	-	-	-	-	5	0	11	6	2	7	5	*****	
25	8	7	3	11	0	1	0	2	5	0	0	2	3	
26	7	2	7	4	7	5	0	3	0	0	9	7	4	
27	2	11	2	5	7	3	5	10	2	0	2	9	5	
28	2	7	3	0	2	5	7	2	3	6	0	3	3	
29	0	0	5	2	3	8	0	0	4	4	0	1	2	
30	0	2	4	5	4	0	5	2	3	11	7	4	4	
31	7	5	9	5	4	4	0	0	2	7	2	2	4	
MEAN	3	3	3	3	2	3	1	2	3	2	3	3	2.6	

PERCENTAGE OF DATA VALID - 81.7

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 17.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													MONTH - JUN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	8	2	0	2	5	0	0	5	1	6	0	0	2	
2	2	2	5	3	2	4	2	5	6	0	7	4	4	
3	2	3	2	5	0	2	5	0	4	3	5	2	3	
4	4	5	10	5	3	3	2	3	3	9	2	3	4	
5	5	6	3	0	2	9	0	3	0	7	0	2	3	
6	0	7	0	2	7	***	0	0	0	0	1	2	2	
7	2	1	0	4	0	0	0	4	4	1	0	0	1	
8	2	2	2	3	0	1	4	2	2	1	1	5	2	
9	2	3	1	0	1	0	3	0	0	1	2	0	1	
10	4	0	0	2	0	0	2	2	0	2	5	4	2	
11	2	2	1	0	1	4	0	2	0	2	1	1	1	
12	2	0	0	4	0	2	2	0	3	2	2	4	2	
13	2	3	0	0	0	0	0	2	1	2	0	5	1	
14	2	0	3	3	2	4	0	3	3	1	3	2	2	
15	3	1	0	2	2	3	0	2	2	2	5	3	2	
16	3	6	7	7	2	3	2	3	2	3	2	3	4	
17	2	2	5	3	5	2	2	0	2	3	7	4	3	
18	7	2	4	0	2	0	5	2	0	2	3	2	2	
19	3	2	0	2	3	4	0	1	0	2	0	0	1	
20	3	0	3	8	***	2	2	0	0	2	0	3	2	
21	3	3	0	5	0	3	3	3	3	2	2	3	3	
22	0	3	5	5	7	5	2	1	2	2	3	5	3	
23	0	1	4	0	2	2	0	0	0	0	2	7	2	
24	5	3	3	3	7	3	2	7	2	3	2	4	4	
25	2	0	3	0	3	0	0	0	2	0	4	0	2	
26	2	8	1	0	3	0	1	2	2	0	0	7	3	
27	0	7	2	2	2	5	4	1	2	0	0	3	4	
28	3	9	3	11	3	3	2	1	0	3	0	3	4	
29	2	0	2	1	3	0	0	2	2	0	2	0	1	
30	0	5	2	5	5	1	0	0	3	2	3	5	3	
MEAN	3	3	2	3	2	2	2	2	2	2	2	3	2.3	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													
MONTH - SEP 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	1	2	4	1	1	2	2	1	5	2	2
2	0	3	1	2	0	2	0	0	0	2	0	4	1
3	1	3	0	3	2	2	5	4	2	2	2	1	2
4							- DATA INVALID -						
5							- DATA INVALID -						
6							- DATA INVALID -						
7							- DATA INVALID -						
8							- DATA INVALID -						
9							- DATA INVALID -						
10	4	0	0	4	2	0	3	2	2	2	1	5	2
11	2	13	11	9	5	0	2	6	2	0	4	0	5
12	2	7	4	2	0	0	0	2	1	4	0	4	2
13	1	3	2	3	2	0	0	2	0	0	3	3	2
14	2	0	2	1	2	2	0	1	0	5	2	5	2
15	0	5	***	***	***	***	***	***	***	***	***	***	***
16	***	***	***	***	1	0	5	3	3	3	4	3	3
17	0	0	4	0	0	0	2	0	0	1	1	2	1
18	1	0	4	3	1	2	0	0	3	1	2	0	1
19	3	1	1	0	2	2	0	2	0	5	0	3	2
20	1	0	1	2	2	2	6	1	2	0	0	1	2
21	0	0	0	2	2	0	4	2	0	0	0	0	1
22	2	0	3	2	1	0	0	0	0	0	2	0	1
23	1	1	0	0	1	0	2	1	2	2	0	2	1
24	0	0	1	0	0	0	0	2	1	2	1	1	1
25	2	1	1	0	2	1	0	1	2	0	0	2	1
26	3	2	0	2	1	3	0	2	0	2	0	0	1
27	0	0	0	2	5	0	1	0	3	2	0	2	1
28	0	0	0	0	4	0	4	0	0	1	5	0	2
29	2	0	0	0	0	1	2	0	0	1	0	0	1
30	2	1	0	0	0	1	3	0	1	0	0	2	1
MEAN	1	2	2	2	2	1	2	2	1	2	1	2	1.5

PERCENTAGE OF DATA VALID - 76.1 PERCENTAGE OF DATA INVALID - 23.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1 ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2 *** INDICATES DATA IS UNAVAILABLE

3 ***** INDICATES LE-S THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - C NO 44010 1298 REBECCA ST OAKVILLE													
MONTH - OCT 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	0	0	0	2	0	0	0	1	0	1
2	2	1	2	2	4	0	0	0	2	0	0	2	1
3	2	0	2	0	0	2	4	1	1	0	0	1	1
4	5	0	4	2	0	3	0	4	0	0	2	0	2
5	2	6	0	2	3	0	0	0	2	2	1	0	2
6	0	1	3	0	0	0	1	0	0	0	0	0	0
7	3	0	4	3	2	0	0	2	0	0	1	0	1
8	1	2	0	0	1	1	0	0	3	0	1	2	1
9	0	2	0	0	2	0	0	4	2	0	2	2	1
10	0	0	2	2	3	0	2	1	0	2	0	2	1
11	2	1	1	3	1	0	4	2	2	0	2	1	2
12	2	2	1	0	3	2	0	0	4	0	3	0	1
13	2	0	4	3	0	0	0	2	2	0	0	4	1
14	0	3	3	3	0	0	2	0	5	1	0	2	2
15	2	2	3	0	0	1	2	0	2	2	0	0	1
16	0	0	3	0	3	1	0	3	0	2	0	3	1
17	0	2	0	0	2	1	0	0	5	1	0	0	1
18	2	2	2	0	2	2	3	0	1	0	0	1	1
19	1	0	0	0	0	0	2	0	0	2	0	0	1
20	2	0	4	2	2	0	0	2	1	3	3	1	2
21	0	0	0	0	5	2	4	2	0	2	0	4	2
22	0	2	0	2	0	0	0	2	0	0	0	0	1
23	3	9	1	4	2	2	0	3	1	3	1	8	3
24	0	2	5	2	1	-	0	2	0	8	8	9	3
25	9	9	13	14	19	17	9	1	11	4	11	7	10
26	10	13	15	21	17	9	0	5	2	0	7	5	9
27	12	2	11	7	14	3	5	4	9	10	3	0	7
28	2	3	2	9	11	1	6	5	1	4	5	2	4
29	4	2	4	2	11	0	1	3	0	5	7	2	3
30	9	1	4	4	2	0	0	1	0	0	2	0	2
31	2	0	2	2	6	4	0	5	3	7	7	7	4
MEAN	3	2	3	3	4	2	2	2	2	2	2	2	2.3

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LE-S THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	3.2	9	15
FEB	28	3.3	8	18
MAR	31	2.8	8	18
APR	30	3.0	6	16
MAY	25	2.6	5	11
JUN	30	2.3	4	11
JUL	31	1.9	3	13
AUG	28	2.1	4	10
SEP	23	1.5	5	13
OCT	31	2.3	10	21
NOV	30	2.5	7	14
DEC	31	2.5	7	12
YEAR	347	2.5	10	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	251	90	9	0	0	0	0	350
FEB	243	77	12	1	0	0	0	333
MAR	293	61	10	2	0	0	0	366
APR	249	98	6	1	0	0	0	354
MAY	232	66	6	0	0	0	0	304
JUN	304	53	1	0	0	0	0	358
JUL	329	39	1	0	0	0	0	369
AUG	293	46	0	0	0	0	0	339
SEP	257	15	2	0	0	0	0	274
OCT	320	36	11	3	1	0	0	371
NOV	302	51	7	0	0	0	0	360
DEC	298	67	4	0	0	0	0	369
YEAR	3371	699	69	7	1	0	0	4147

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
94.7	0	0.0	0.2	1.5	2.6	5.4	7.0	9.5	11.2	21	2.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA													MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	2	2	4	0	9	2	0	4	0	3	3	3	
2	0	6	3	0	2	4	0	10	0	2	6	2	3	
3	2	6	0	0	0	6	8	2	1	0	4	4	3	
4	3	4	3	11	2	0	4	4	5	3	4	4	4	
5	3	8	0	2	11	2	9	1	9	4	2	6	5	
6	0	2	2	10	9	11	4	2	7	2	4	7	5	
7	4	0	5	1	3	1	3	0	0	0	0	2	2	
8	0	8	0	5	8	4	5	4	1	2	2	5	4	
9	2	0	1	6	0	4	0	1	5	1	5	6	3	
10	4	4	3	2	2	2	5	5	1	2	0	2	3	
11	2	4	0	6	5	9	0	2	0	2	0	4	3	
12	2	5	0	0	2	4	1	0	2	7	3	2	2	
13	0	1	0	5	3	0	6	2	1	3	6	4	3	
14	2	2	0	13	3	0	6	11	4	10	6	9	7	
15	4	1	3	1	7	2	4	4	0	2	0	0	3	
16	6	0	2	1	1	0	3	2	0	2	0	0	2	
17	0	3	0	2	0	3	2	0	6	4	2	3	2	
18	0	2	0	5	0	5	0	0	3	0	3	0	2	
19	0	2	0	5	5	3	0	0	2	2	2	4	2	
20	0	2	1	2	3	2	1	0	5	1	0	7	2	
21	9	0	8	4	4	8	8	10	1	0	0	0	4	
22	2	2	2	2	2	2	0	5	2	0	0	1	2	
23	0	2	0	0	5	0	0	2	11	2	11	4	3	
24	2	4	0	1	8	5	6	6	6	2	2	4	4	
25	5	2	0	1	7	12	3	2	1	3	0	3	3	
26	0	0	0	0	3	2	1	0	2	7	5	2	2	
27	2	0	0	0	1	3	2	3	3	3	7	8	3	
28	7	0	0	1	9	2	0	4	3	7	2	2	3	
29	1	2	0	3	3	1	0	2	2	7	0	2	2	
30	4	2	1	0	2	3	0	0	1	2	5	2	2	
31	0	2	4	0	2	2	0	0	3	4	7	0	2	
MEAN	2	3	1	3	4	4	3	3	3	3	3	3	2.6	

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA													MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	4	1	0	0	5	0	3	0	4	3	1	2	
2	1	0	0	0	0	2	4	0	3	0	0	4	1	
3	2	1	1	3	2	0	****	0	5	0	2	0	1	
4	5	0	3	6	0	3	3	7	3	2	0	3	3	
5	2	2	3	0	2	2	3	0	0	3	0	0	1	
6	3	3	0	1	0	2	3	2	0	0	0	0	1	
7	3	0	2	0	3	2	1	2	3	2	2	3	2	
8	1	0	3	4	5	5	5	6	5	4	3	2	4	
9	0	2	3	2	5	2	0	5	4	6	6	5	4	
10	3	6	2	7	2	3	2	5	4	2	4	10	4	
11	7	5	2	7	3	4	4	2	6	2	2	2	4	
12	0	0	2	3	1	2	6	3	3	3	2	2	2	
13	5	3	0	0	2	4	5	2	1	0	2	0	2	
14	2	0	2	6	7	3	1	0	1	3	1	2	2	
15	2	0	1	1	0	1	2	3	2	0	1	3	1	
16	3	3	1	1	4	4	2	2	1	2	2	1	2	
17	0	0	2	2	2	2	0	3	2	3	3	5	2	
18	3	2	4	4	11	9	2	2	2	3	6	4	4	
19	2	2	5	2	0	2	1	1	5	6	0	2	2	
20	3	3	3	2	2	2	2	0	0	2	0	2	2	
21	2	2	0	3	1	3	3	****	5	4	0	5	3	
22	2	7	2	0	7	8	1	9	4	11	2	10	5	
23	2	2	1	5	2	0	0	2	2	3	0	3	2	
24	2	5	1	7	5	5	9	3	3	3	3	1	4	
25	5	2	2	5	2	2	0	1	3	0	0	0	2	
26	0	3	0	0	0	4	5	2	3	0	0	0	1	
27	7	0	2	0	5	5	0	4	0	2	0	3	2	
28	2	2	0	4	2	0	4	3	2	0	0	0	2	
MEAN	3	2	2	3	3	3	3	3	3	3	2	3	2.4	

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA													MONTH - MAR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	3	1	1	2	2	0	7	0	4	0	2	
2	2	2	0	3	2	4	2	0	0	5	9	7	3	
3	5	3	4	6	6	2	0	0	3	1	0	2	3	
4	1	2	3	0	3	5	2	1	8	2	2	6	3	
5	1	0	0	1	0	2	5	3	5	0	1	2	2	
6	2	2	2	2	2	2	2	0	1	2	2	2	2	
7	2	3	1	0	2	2	1	0	2	2	2	0	1	
8	4	3	0	2	2	5	0	1	3	2	2	3	2	
9	5	2	6	5	11	***	9	0	4	2	0	7	5	
10	0	2	4	0	3	2	6	2	3	4	3	11	3	
11	5	16	5	13	22	7	5	7	3	5	6	4	8	
12	0	2	5	9	5	2	5	6	5	5	3	1	4	
13	0	6	1	0	2	0	0	3	0	0	7	2	2	
14	4	0	0	6	4	0	4	6	0	5	3	2	3	
15	0	2	3	7	13	5	2	5	2	0	1	0	3	
16	1	0	2	0	2	2	2	0	1	4	0	2	1	
17	0	0	0	2	8	2	3	3	4	2	3	3	3	
18	0	2	0	7	3	7	7	0	4	0	0	0	3	
19	5	0	0	0	3	0	0	3	6	3	0	2	2	
20	9	9	6	1	3	2	0	3	4	0	2	1	3	
21	2	2	2	2	3	3	0	3	2	5	5	0	2	
22	0	2	2	0	0	2	3	3	0	4	0	0	1	
23	0	2	0	3	2	5	0	3	0	3	2	0	2	
24	0	2	0	5	0	1	***	2	2	7	5	3	2	
25	0	0	3	0	1	5	0	2	5	0	0	0	1	
26	0	0	2	3	4	5	0	7	0	2	5	6	3	
27	4	3	2	2	4	2	4	0	2	2	4	5	3	
28	2	2	2	3	2	5	6	3	3	4	0	5	3	
29	0	3	3	7	4	3	0	2	0	3	4	2	3	
30	5	5	4	9	2	0	6	3	2	0	5	3	4	
31	0	2	0	0	0	0	3	0	0	0	0	0	0	
MEAN	2	3	2	3	4	3	3	2	3	2	3	3	2.6	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA													MONTH - APR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	0	2	0	2	0	2	3	0	2	2	2	2	
2	0	0	3	4	1	3	2	3	0	3	0	0	2	
3	0	3	2	0	0	0	0	3	0	3	6	7	2	
4	2	0	0	0	0	0	0	3	2	4	***	0	1	
5	0	3	1	2	2	3	7	0	5	0	2	3	2	
6	0	3	5	2	6	0	0	0	0	0	8	0	2	
7	3	2	0	9	5	0	2	0	3	2	5	0	3	
8	2	0	2	0	2	3	0	2	2	0	1	4	2	
9	1	2	0	2	0	5	0	3	0	3	2	0	2	
10	7	0	5	4	0	5	0	3	7	3	1	8	4	
11	0	5	9	6	13	0	5	0	3	2	2	3	4	
12	4	2	3	2	2	5	8	0	5	2	5	0	3	
13	4	8	0	6	3	0	***	3	2	4	0	0	3	
14	3	1	1	3	5	2	0	2	0	3	2	2	2	
15	0	2	2	3	0	2	0	0	3	5	0	1	2	
16	3	3	2	6	0	3	2	2	3	5	0	2	3	
17	1	3	2	0	1	2	1	2	0	2	1	0	1	
18	6	3	5	2	6	7	2	8	6	9	4	2	5	
19	7	7	18	5	5	0	0	3	2	4	4	0	4	
20	4	4	2	5	6	10	8	2	3	8	6	5	5	
21	6	3	7	8	8	6	7	3	5	3	12	3	6	
22	5	3	0	2	7	2	3	3	2	4	2	7	3	
23	1	2	3	0	0	0	0	3	4	2	0	2	1	
24	0	0	2	0	0	0	2	0	2	0	0	0	1	
25	0	1	1	2	2	3	1	1	1	2	6	2	2	
26	2	1	3	3	1	0	1	0	0	2	4	9	2	
27	3	2	2	5	1	2	3	2	0	0	2	5	2	
28	5	0	0	4	1	0	2	2	2	0	1	4	2	
29	0	4	2	0	4	0	3	0	1	2	7	6	2	
30	1	0	1	2	0	3	0	4	0	0	0	3	1	
MEAN	2	2	3	3	3	2	2	2	2	3	3	3	2.5	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA													MONTH - JUL 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	0	3	1	1	1	1	0	0	0	0	1	1	
2	2	3	0	0	1	0	3	0	1	3	0	1	1	
3	6	3	1	2	3	5	5	7	3	3	3	3	4	
4	3	0	5	1	3	****	****	5	2	3	2	2	3	
5	7	0	3	5	3	0	5	3	2	3	5	2	3	
6	3	1	3	3	5	2	3	3	1	2	3	0	2	
7	2	2	1	2	3	2	7	5	3	2	3	3	3	
8	0	0	2	7	2	2	2	3	5	2	0	5	3	
9	3	2	0	0	0	2	0	0	2	2	2	0	1	
10	0	2	2	2	3	0	0	2	2	0	3	2	2	
11	5	3	3	2	2	1	0	2	2	3	2	0	2	
12	6	2	2	2	0	5	2	2	3	2	3	3	3	
13	5	0	3	2	0	2	2	1	0	0	0	1	1	
14	3	1	2	3	2	5	1	0	0	3	2	2	2	
15	3	2	2	2	6	3	4	3	2	2	2	2	3	
16	5	3	5	2	0	2	3	5	2	2	2	7	3	
17	2	0	0	3	2	2	2	3	0	2	0	2	2	
18	1	2	6	3	0	3	1	3	0	2	3	7	3	
19	0	4	2	5	2	3	2	2	2	2	9	2	3	
20	3	1	3	****	-	0	2	1	2	3	8	3	3	
21	0	3	2	0	7	0	0	0	0	3	0	2	1	
22	0	3	2	2	0	2	0	2	2	0	0	2	1	
23	0	1	3	1	2	0	0	0	0	0	2	3	1	
24	1	2	3	3	0	4	0	2	2	3	1	2	2	
25	0	2	0	2	2	2	0	3	2	0	0	2	1	
26	0	3	1	0	0	0	0	0	3	0	0	2	1	
27	2	6	2	2	1	2	0	2	3	2	0	5	2	
28	5	6	2	2	0	2	0	5	2	2	5	2	3	
29	5	9	5	2	6	3	0	1	3	3	0	3	3	
30	2	2	2	2	2	2	2	3	1	2	2	0	2	
31	2	2	3	2	2	2	1	2	2	2	2	2	2	
MEAN	3	2	2	2	2	2	2	2	2	2	2	2	2.1	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COHS/1000 FT						
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA							MONTH - AUG 77						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	2	1	0	0	0	2	2	3	0	0	0	
2	4	3	3	0	2	2	3	1	3	5	0	3	
3	5	5	5	***	-	***	3	4	6	6	0	4	
4	6	2	7	5	6	3	1	4	2	3	0	2	
5	0	4	2	4	4	2	2	2	2	4	0	2	
6	3	3	3	2	0	3	2	2	0	3	1	4	
7	0	1	2	0	0	2	2	0	3	1	1	2	
8	8	0	4	4	1	2	4	5	1	3	2	2	
9	0	4	2	4	2	1	0	2	2	0	2	1	
10	0	3	3	3	3	2	2	2	3	0	2	0	
11	3	3	6	2	0	3	0	3	0	0	0	2	
12	2	2	2	0	3	0	1	1	2	2	1	2	
13	2	2	2	2	1	0	0	1	3	0	2	2	
14	2	2	1	1	2	0	0	0	2	2	2	0	
15	2	1	2	2	3	2	6	1	0	1	2	5	
16	2	1	2	3	5	0	2	1	0	3	6	3	
17	2	2	2	1	4	0	0	0	0	2	0	1	
18	2	2	2	3	2	4	3	2	0	3	3	2	
19	1	1	2	5	7	8	5	1	0	5	0	0	
20	2	0	0	2	2	1	1	2	0	2	5	2	
21	2	3	3	0	5	3	2	3	0	4	1	3	
22	2	2	3	0	1	3	1	0	1	0	3	6	
23							- DATA UNAVAILABLE -						
24							- DATA UNAVAILABLE -						
25							- DATA UNAVAILABLE -						
26							- DATA UNAVAILABLE -						
27							- DATA UNAVAILABLE -						
28							- DATA UNAVAILABLE -						
29							- DATA UNAVAILABLE -						
30							- DATA UNAVAILABLE -						
31							- DATA UNAVAILABLE -						
MEAN	3	2	3	2	3	2	2	2	2	2	1	2	2.1

PERCENTAGE OF DATA VALID - 70.2

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 29.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA													
MONTH - NOV 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	4	1	2	3	2	2	3	6	12	3
2	9	5	11	6	6	2	0	4	2	3	6	0	5
3	2	4	2	6	7	2	0	0	4	2	9	13	4
4	12	11	4	6	4	5	2	2	3	5	1	1	5
5	0	2	2	3	2	2	0	1	2	0	4	2	2
6	3	2	2	0	2	2	5	4	6	3	0	0	2
7	0	0	2	2	3	1	2	5	2	2	1	2	2
8	2	1	0	2	0	4	0	0	0	1	4	1	1
9	1	0	0	0	2	1	1	5	1	3	0	1	1
10	1	2	1	3	0	3	0	0	2	4	2	0	2
11	2	0	1	2	5	2	3	3	0	1	0	0	2
12	3	0	2	0	2	0	0	1	2	2	1	2	1
13	0	1	0	2	0	0	1	0	2	0	2	2	1
14	1	1	0	2	2	1	2	8	4	3	3	4	3
15	2	1	5	9	15	4	2	5	5	2	6	4	5
16	2	1	4	3	1	5	2	3	4	0	2	1	2
17	2	2	5	2	5	2	3	0	3	5	2	2	3
18	4	0	2	0	2	0	2	2	3	0	0	2	1
19	0	4	3	3	2	1	0	0	2	5	2	4	2
20	5	3	0	0	0	2	2	1	2	0	2	2	2
21	4	2	5	0	0	4	2	2	2	2	1	2	2
22	2	2	2	2	0	2	4	0	6	2	6	12	3
23	8	3	2	2	0	1	0	5	3	2	1	0	2
24	4	1	0	4	3	2	1	0	1	2	2	2	2
25	1	1	2	3	6	2	1	3	2	0	0	1	2
26	1	2	0	0	6	3	1	0	0	2	1	1	1
27	0	2	0	0	2	2	0	4	2	5	1	2	2
28	0	2	4	5	7	5	4	2	3	3	2	4	3
29	4	3	5	2	10	2	7	5	8	8	10	2	6
30	4	7	10	14	19	4	4	0	5	0	2	0	6
MEAN	3	2	3	3	4	2	2	2	3	2	3	3	2.6

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEW5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA													
MONTH - DEC 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	0	2	3	2	8	3	4	3	6	3	2	3
2	1	1	0	1	3	2	0	2	5	2	0	1	2
3	0	0	0	3	0	2	0	2	2	7	4	0	2
4	0	3	3	2	0	4	0	4	2	4	3	6	3
5	0	0	4	1	2	2	0	11	4	7	0	4	3
6	0	10	0	2	2	3	1	0	1	0	2	2	2
7	0	0	2	3	6	3	2	1	0	5	3	5	3
8	3	1	3	4	7	23	13	19	2	0	2	2	7
9	5	3	3	2	2	9	5	0	7	2	2	2	3
10	3	2	0	3	3	2	2	6	3	4	3	0	3
11	0	9	0	4	0	9	2	3	5	5	5	9	4
12	3	5	2	2	5	2	0	9	3	2	2	0	3
13	3	0	0	0	3	2	9	3	3	0	4	4	3
14	5	5	5	12	9	9	15	9	3	5	5	5	7
15	3	0	0	3	3	2	3	0	7	9	3	3	3
16	3	0	3	3	2	3	3	2	7	4	0	3	3
17	5	5	2	3	1	0	2	0	0	3	0	0	2
18	0	2	0	3	0	2	0	5	0	3	0	2	1
19	0	2	0	3	0	1	3	0	5	0	2	0	1
20	2	0	0	0	0	0	0	1	1	2	0	4	1
21	3	7	4	0	5	0	2	4	2	3	2	0	3
22	2	0	0	0	2	0	0	2	0	3	0	0	1
23	1	0	7	0	0	3	0	0	0	3	0	3	1
24	0	5	3	0	2	3	8	12	0	3	3	0	3
25	7	0	0	0	0	0	0	0	2	0	3	2	1
26	2	0	0	0	0	2	0	3	0	3	0	3	1
27	3	0	0	7	3	0	2	0	3	0	5	2	2
28	0	5	0	0	0	0	2	0	2	0	0	2	1
29	4	2	0	3	5	3	2	0	2	0	0	0	2
30	5	7	3	3	7	0	0	5	0	5	3	3	3
31	5	0	0	0	0	5	3	5	0	0	5	5	2
MEAN	2	2	1	2	2	3	3	4	2	3	2	2	2.5

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATE. INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEW5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA													MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	0	0	0	2	2	2	0	3	0	1	
2	1	0	0	2	0	2	0	3	2	0	1	3	1	
3	0	2	1	0	0	0	1	0	1	0	2	2	1	
4	3	0	2	1	0	0	3	2	0	4	0	0	1	
5	3	3	0	0	3	0	0	0	1	0	0	1	1	
6	0	0	2	6	1	1	0	5	2	0	1	2	2	
7	0	2	0	0	0	0	0	3	0	0	0	3	1	
8	0	2	2	0	0	0	6	2	0	5	1	4	2	
9	2	2	5	6	0	0	0	5	0	4	3	0	2	
10	0	0	2	1	2	1	0	0	0	0	0	2	1	
11	1	0	2	3	0	2	0	0	0	0	0	1	1	
12	0	2	0	3	0	2	2	0	0	0	0	1	1	
13	0	3	0	5	0	0	3	0	0	2	0	1	1	
14	0	3	2	0	0	0	1	0	0	0	0	0	1	
15	0	0	1	0	4	0	5	3	2	2	3	2	2	
16	0	0	0	0	0	0	0	2	1	2	0	6	1	
17	0	1	3	0	0	2	0	0	0	1	4	0	1	
18	1	0	0	2	0	0	0	3	3	0	3	0	1	
19	0	2	0	5	3	0	2	4	1	0	0	1	2	
20	0	0	4	0	1	1	0	3	0	0	2	0	1	
21	1	0	4	0	5	1	0	2	0	0	2	2	1	
22	0	0	5	0	0	0	0	3	0	0	2	3	1	
23	0	1	3	3	0	0	5	0	0	0	0	2	1	
24	3	2	3	0	2	2	6	4	0	1	0	0	2	
25	0	4	4	4	6	0	0	5	0	2	0	0	2	
26	0	3	0	3	0	2	1	0	0	4	4	2	2	
27	0	2	1	0	8	0	2	2	4	1	2	0	2	
28	2	2	1	2	1	0	5	3	0	3	0	0	2	
29	0	0	0	1	2	2	3	1	0	0	1	1	1	
30	0	2	0	5	0	1	2	2	5	1	0	4	2	
31	0	2	2	0	0	0	4	0	0	0	3	2	1	
MEAN	1	1	2	2	1	1	2	2	1	1	1	1	1.3	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA													MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	5	0	2	0	0	5	1	0	0	2	1	1	
2	0	0	0	0	0	1	0	0	0	3	0	1	0	
3	0	1	3	0	0	4	***	2	0	0	0	2	1	
4	3	0	3	0	0	0	0	3	2	2	0	0	1	
5	0	2	0	0	0	0	0	3	0	2	2	0	1	
6	2	0	2	0	2	0	0	2	0	3	0	7	2	
7	0	3	0	0	0	2	0	0	0	0	0	2	1	
8	0	0	0	0	0	0	2	3	0	0	0	0	0	
9	0	0	3	2	0	0	0	0	0	5	0	3	1	
10	2	2	0	3	0	0	2	0	0	0	0	0	1	
11	0	0	4	0	2	3	0	2	1	0	6	0	2	
12	0	2	0	0	0	2	0	6	1	0	0	0	1	
13	1	3	3	2	0	2	1	0	2	0	2	0	1	
14	0	2	5	2	2	0	0	2	3	0	0	0	1	
15	0	0	0	2	0	0	0	4	2	2	0	1	1	
16	2	2	0	2	0	0	6	5	0	0	2	3	2	
17	0	0	0	2	0	0	0	4	0	0	0	0	1	
18	5	0	0	2	0	0	1	0	0	0	4	0	1	
19	3	0	2	0	0	0	2	0	0	0	3	0	1	
20	1	0	2	0	0	0	3	0	2	0	3	0	1	
21	0	2	0	0	0	2	0	2	0	1	0	0	1	
22	0	0	0	2	2	2	2	0	0	5	0	2	1	
23	2	0	1	0	3	2	1	2	0	0	2	2	1	
24	2	3	2	2	3	0	0	1	3	0	0	2	2	
25	3	0	3	2	2	3	3	3	2	0	0	3	2	
26	0	3	0	0	0	2	7	1	0	4	0	1	2	
27	0	2	1	0	0	0	2	5	3	1	1	0	1	
28	0	4	0	2	2	0	5	0	0	0	2	0	1	
MEAN	1	1	1	1	1	1	2	2	1	1	1	1	1.1	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA														MONTH - MAY 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	3	1	2	1	3	2	0	3	0	1	3	3	2		
2	0	0	0	2	0	0	0	2	0	0	2	2	1		
3	5	2	0	2	0	0	0	3	2	0	0	2	2		
4	2	2	0	2	2	2	3	0	1	0	4	0	2		
5	5	5	0	2	2	0	2	0	0	2	0	2	2		
6	1	3	0	2	0	0	3	2	1	4	0	1	1		
7	0	1	0	3	0	0	0	0	0	0	0	0	0		
8	0	0	0	0	2	2	0	0	0	2	3	0	1		
9	2	0	0	2	0	0	0	2	0	1	1	2	1		
10	0	1	1	0	1	0	0	2	2	1	2	0	1		
11	0	0	3	0	4	0	0	2	***	2	3	0	1		
12	0	0	1	3	0	4	0	2	0	0	0	1	1		
13	0	0	0	0	0	0	0	0	0	5	2	0	1		
14	0	2	2	1	0	3	2	0	0	0	4	0	1		
15	2	0	3	0	0	2	2	2	0	0	0	2	1		
16	0	2	0	1	0	***	0	0	0	0	0	0	0		
17	3	0	2	2	1	0	2	1	1	2	0	3	1		
18	0	2	1	2	5	2	0	3	2	4	0	0	2		
19	2	2	0	3	0	0	0	1	0	2	0	2	1		
20	0	0	0	1	1	0	0	0	2	2	0	0	1		
21	2	0	2	2	0	0	4	0	3	0	0	0	1		
22	1	0	2	0	2	2	0	0	2	0	2	0	1		
23	0	0	0	0	4	0	***	0	3	2	0	2	1		
24	0	2	0	0	2	0	3	3	2	3	0	2	1		
25	0	0	0	2	0	0	1	1	2	0	2	2	1		
26	2	0	0	0	0	0	5	2	0	0	2	0	1		
27	4	0	5	0	1	4	0	0	1	0	2	2	2		
28	0	0	0	0	2	0	0	1	0	0	1	0	0		
29	2	0	0	0	0	0	1	0	4	0	0	2	1		
30	0	2	0	2	***	0	0	0	1	6	3	2	1		
31	0	0	2	5	2	2	0	5	0	0	0	0	1		
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.1		

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA														MONTH - JUN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	2	3	0	0	3	0	0	0	2	1	3	1		
2	0	0	0	4	0	0	4	2	0	0	0	0	1		
3	0	0	2	0	***	-	-	-	-	-	-	-	*****		
4	- DATA UNAVAILABLE -														
5	- DATA UNAVAILABLE -														
6	- DATA UNAVAILABLE -														
7	- DATA UNAVAILABLE -														
8	- DATA UNAVAILABLE -														
9	- DATA UNAVAILABLE -														
10	-	-	-	-	-	0	0	5	2	0	0	0	*****		
11	3	0	5	0	3	0	3	6	2	0	0	0	2		
12	0	0	0	3	3	0	4	0	0	0	5	2	1		
13	0	5	1	0	3	0	5	0	2	2	1	0	2		
14	0	0	0	0	2	0	0	7	0	1	3	0	1		
15	1	0	0	2	3	2	0	2	2	0	4	0	1		
16	0	0	3	0	0	2	2	2	0	2	0	2	1		
17	2	0	0	9	4	4	5	2	0	2	0	0	2		
18	0	2	0	4	0	2	2	0	0	3	2	4	2		
19	3	0	0	3	2	0	2	3	0	4	0	0	1		
20	5	1	3	0	2	0	0	1	0	9	0	2	2		
21	4	0	2	0	0	0	0	0	1	1	0	0	1		
22	0	0	1	0	0	7	4	***	0	0	1	3	1		
23	0	0	3	0	0	1	3	3	0	0	0	1	1		
24	0	3	0	0	1	0	0	3	0	0	0	1	1		
25	1	2	0	0	0	2	0	0	0	0	0	1	1		
26	0	1	1	0	0	3	0	5	1	3	0	0	1		
27	0	0	0	1	0	0	3	0	0	1	3	0	1		
28	1	0	3	0	3	4	1	5	0	1	0	1	2		
29	0	0	0	0	3	0	1	1	0	1	0	3	1		
30	0	0	0	1	0	0	5	0	5	0	0	3	1		
MEAN	1	1	1	1	1	1	2	2	1	1	1	1	1.2		

PERCENTAGE OF DATA VALID - 76.1 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 23.3

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA													
MONTH - SEP 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	3	0	2	0	0	3	1	0	3	5	1
2	3	0	0	2	5	0	2	0	2	0	0	0	1
3	0	2	0	2	0	0	2	2	0	0	0	0	1
4	1	0	0	0	1	2	3	1	2	1	0	0	1
5	0	0	0	5	0	2	2	1	1	2	0	0	1
6	0	2	1	0	2	0	0	0	0	0	2	0	1
7	3	0	0	3	0	2	0	0	1	1	2	1	1
8	1	2	1	0	1	1	0	0	0	1	2	0	1
9	2	2	0	2	0	0	0	2	0	4	1	0	1
10	2	0	0	0	1	2	0	0	2	0	2	2	1
11	2	2	0	0	0	2	0	1	0	0	2	1	1
12	2	1	1	0	2	2	2	2	2	1	0	1	1
13	2	1	0	2	3	2	1	1	0	0	1	0	1
14	2	0	1	0	2	1	0	0	0	1	0	0	1
15	0	0	0	1	0	2	2	0	1	0	1	0	1
16	0	0	0	2	0	2	2	1	0	0	2	1	1
17	0	2	0	0	1	2	1	1	0	2	0	2	1
18	2	0	0	2	0	2	1	0	2	0	3	2	1
19	1	2	0	1	0	0	3	1	3	0	1	2	1
20	0	1	0	1	0	0	0	2	1	0	0	0	0
21	2	0	2	1	0	2	2	0	2	-	-	-	1
22							- DATA UNAVAILABLE -						
23							- DATA UNAVAILABLE -						
24							- DATA UNAVAILABLE -						
25							- DATA UNAVAILABLE -						
26							- DATA INVALID -						
27							- DATA INVALID -						
28							- DATA UNAVAILABLE -						
29							- DATA INVALID -						
30	0	3	2	0	0	0	0	2	0	0	0	2	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 72.5 PERCENTAGE OF DATA INVALID - 6.7 PERCENTAGE OF DATA UNAVAILABLE - 20.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA													
MONTH - OCT 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	----	----	----	----	----	----	----	----	----	----	----	-----
2							- DATA INVALID -						-----
3	----	----	----	----	----	----	2	2	1	1	1	0	-----
4	3	0	0	0	0	0	0	0	4	0	0	2	1
5	0	2	0	2	2	2	1	0	2	0	2	0	1
6	0	1	3	0	1	3	0	0	2	1	0	0	1
7	0	0	3	0	3	0	----	0	0	0	4	0	1
8	0	2	0	2	2	2	0	1	0	0	0	2	1
9	0	0	0	2	1	0	1	0	0	0	1	2	1
10	0	0	0	0	0	2	0	0	2	0	0	0	0
11	2	0	3	2	1	2	0	2	2	0	2	1	1
12	2	0	2	0	0	0	0	0	2	0	2	0	1
13	2	0	3	0	3	0	3	2	0	0	0	0	1
14	0	4	0	2	0	0	2	1	0	2	0	2	1
15	0	2	2	0	3	0	0	3	0	1	0	0	1
16	2	0	1	0	3	0	2	3	0	2	0	0	1
17	0	2	0	2	2	2	1	1	0	0	0	2	1
18	0	3	0	2	0	1	0	2	0	0	2	0	1
19	5	0	0	2	0	0	----	----	1	0	2	0	1
20	2	0	0	0	0	1	5	0	0	3	0	2	1
21	2	2	0	2	0	1	2	0	2	0	3	0	1
22	2	0	2	0	2	4	0	2	1	0	0	2	1
23	2	0	0	0	3	0	0	0	0	0	0	2	1
24	0	0	0	0	3	0	0	0	3	0	3	0	1
25	0	0	0	3	0	1	0	2	0	2	2	0	1
26	0	0	3	3	0	0	0	0	0	1	2	2	1
27	3	0	0	0	2	0	0	2	0	2	1	0	1
28	2	0	0	0	3	0	0	0	2	0	2	0	1
29	1	0	0	2	2	2	0	0	0	1	2	2	1
30	0	0	1	0	0	2	0	2	2	0	2	0	1
31	0	0	0	2	0	1	0	2	1	0	3	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 91.7 PERCENTAGE OF DATA INVALID - 8.1 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.3	2	8
FEB	28	1.1	2	7
MAR	31	1.3	2	7
APR	30	1.1	2	6
MAY	31	1.1	2	6
JUN	22	1.2	2	9
JUL	24	1.2	3	8
AUG	28	1.7	3	13
SEP	22	0.9	1	5
OCT	28	0.9	1	5
NOV	30	0.9	2	7
DEC	31	1.0	2	5
YEAR	336	1.1	3	13

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	351	21	0	0	0	0	0	372
FEB	321	14	0	0	0	0	0	335
MAR	358	13	0	0	0	0	0	371
APR	350	8	0	0	0	0	0	358
MAY	357	11	0	0	0	0	0	368
JUN	258	16	0	0	0	0	0	274
JUL	282	19	0	0	0	0	0	301
AUG	300	38	4	0	0	0	0	342
SEP	258	3	0	0	0	0	0	261
OCT	339	2	0	0	0	0	0	341
NOV	350	8	0	0	0	0	0	358
DEC	370	2	0	0	0	0	0	372
YEAR	3894	155	4	0	0	0	0	4053

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
92.5	0	0.0	0.0	0.0	1.3	2.6	3.6	4.8	5.8	13	1.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 47040 POLICE STATION 65 VESPRE ST. BARRIE													MONTH - MAY 77
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													- DATA UNAVAILABLE -
2													- DATA UNAVAILABLE -
3													- DATA UNAVAILABLE -
4													- DATA UNAVAILABLE -
5													- DATA UNAVAILABLE -
6													- DATA UNAVAILABLE -
7													- DATA UNAVAILABLE -
8													- DATA UNAVAILABLE -
9													- DATA UNAVAILABLE -
10													- DATA UNAVAILABLE -
11													- DATA UNAVAILABLE -
12													- DATA UNAVAILABLE -
13													- DATA UNAVAILABLE -
14													- DATA UNAVAILABLE -
15													- DATA UNAVAILABLE -
16													- DATA UNAVAILABLE -
17													- DATA UNAVAILABLE -
18													- DATA UNAVAILABLE -
19													- DATA UNAVAILABLE -
20													- DATA UNAVAILABLE -
21													- DATA UNAVAILABLE -
22													- DATA UNAVAILABLE -
23													- DATA UNAVAILABLE -
24													- DATA UNAVAILABLE -
25	-	-	-	-	-	-	1	0	3	4	2	1	*****
26	0	0	0	5	0	0	2	1	0	2	0	0	1
27	3	2	3	2	0	2	2	0	2	2	3	2	2
28	1	2	2	0	2	2	1	2	2	3	1	2	2
29	0	1	2	2	1	2	0	0	2	2	2	3	1
30	3	2	0	5	1	1	2	0	2	1	2	3	2
31	3	3	6	1	0	2	2	0	2	0	3	2	2
MEAN	2	2	2	3	1	2	1	0	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 21.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 79.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 47040 POLICE STATION 65 VESPRE ST. BARRIE													MONTH - JUN 77
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	1	2	1	0	1	0	2	2	1	0	1
2	0	1	1	2	1	2	0	3	0	4	0	0	1
3	3	3	3	2	0	2	2	0	2	3	5	2	2
4	0	0	1	2	2	0	3	2	0	2	3	2	1
5	2	2	3	3	0	2	0	0	3	1	2	2	2
6	0	0	3	2	3	5	5	0	2	2	2	0	2
7	2	2	2	0	1	0	1	2	2	0	2	0	1
8	2	2	1	2	0	2	0	0	4	1	2	0	1
9	1	5	1	2	0	0	2	1	0	1	0	3	1
10	2	0	0	4	2	0	****	0	0	0	0	0	1
11	2	1	3	1	1	1	1	0	0	0	1	1	1
12	2	1	1	1	3	0	2	0	1	1	0	0	1
13	5	0	1	1	3	0	0	0	1	0	3	0	1
14	0	3	1	5	0	2	5	0	3	1	3	0	2
15	1	1	5	3	0	3	0	0	0	1	1	3	2
16	7	3	3	3	3	0	0	3	3	3	1	0	2
17	3	7	1	1	3	0	3	1	0	1	3	0	2
18	1	5	3	2	1	1	1	0	3	0	3	2	2
19	0	0	0	1	1	0	3	0	3	0	3	3	1
20	0	1	3	3	3	2	0	3	0	0	1	1	1
21	0	3	0	2	3	0	1	0	1	0	1	3	1
22	0	0	5	1	1	0	0	5	0	3	3	0	2
23	4	4	3	5	2	3	1	1	3	3	1	3	3
24	0	3	5	7	5	3	1	2	7	0	7	7	4
25	3	0	3	3	0	5	1	1	0	0	0	3	2
26	5	0	0	1	1	1	1	3	0	5	0	0	1
27	2	0	3	5	0	1	1	3	1	3	0	5	2
28	0	1	5	5	1	7	3	3	0	5	1	3	3
29	1	0	0	1	0	****	-	-	-	-	-	-	*****
30	-	-	-	-	-	-	0	1	1	0	0	0	*****
MEAN	2	2	2	2	1	2	1	1	1	1	1	2	1.6

PERCENTAGE OF DATA VALID - 96.1

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 3.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 47040 POLICE STATION 65 VESPRE ST. BARRIE													MONTH - JUL 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	1	1	3	7	0	4	1	3	1	3	2	2
2	1	1	1	1	1	0	0	3	1	1	1	1	1	1
3	0	0	0	1	0	1	0	1	2	0	1	1	1	1
4	1	3	2	0	3	1	1	1	3	0	1	5	2	2
5	0	3	5	1	1	3	3	3	1	1	3	3	2	2
6	3	7	5	5	1	****	0	0	5	0	0	5	3	3
7	0	0	2	2	2	1	0	1	0	2	0	2	1	1
8	0	0	1	0	2	2	2	2	3	0	2	0	1	1
9	6	0	1	2	1	1	0	1	3	0	0	0	1	1
10	0	0	2	0	0	0	5	0	0	0	0	6	1	1
11	3	0	5	2	3	2	0	0	3	2	1	3	2	2
12	0	2	2	5	****	5	3	3	2	2	3	0	2	2
13	0	4	3	0	2	0	3	0	3	0	3	3	2	2
14	0	2	0	3	2	3	3	0	3	0	3	2	2	2
15	3	0	0	3	3	0	5	3	0	2	2	0	2	2
16	2	3	3	0	0	5	2	3	2	0	0	2	2	2
17	3	0	1	0	2	0	0	0	4	0	0	3	1	1
18	1	0	5	3	0	2	2	0	3	3	2	3	2	2
19	3	5	2	5	2	2	0	3	2	3	3	1	3	3
20	3	0	2	3	2	1	2	0	5	2	0	2	2	2
21	1	3	0	0	0	0	5	0	2	0	3	2	1	1
22	0	2	3	0	0	****	****	0	1	4	2	0	1	1
23	0	6	0	0	0	4	2	0	0	2	4	8	2	2
24	0	2	0	5	2	0	2	4	0	1	3	3	2	2
25	7	0	0	1	2	2	2	0	0	1	3	0	2	2
26	2	0	1	6	0	1	8	6	1	4	0	5	3	3
27	0	0	2	3	2	7	0	0	0	2	2	5	2	2
28	4	8	10	2	3	6	2	2	4	2	2	2	4	4
29	5	4	2	4	2	2	7	2	3	2	5	2	3	3
30	2	0	7	4	0	2	0	4	1	2	0	2	2	2
31	5	2	0	2	0	2	1	7	0	2	2	0	2	2
MEAN	2	2	2	2	1	2	2	2	2	1	2	2	1.9	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEW5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 47040 POLICE STATION 65 VESPRE ST. BARRIE													MONTH - AUG 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	0	1	0	0	1	2	0	0	1	0	0
2	6	1	5	0	2	0	2	3	1	0	1	0	2	2
3	0	8	2	2	3	3	2	0	4	2	8	4	3	3
4	2	8	4	5	2	4	0	2	0	4	0	3	3	3
5	2	0	1	0	0	4	3	0	5	3	0	4	2	2
6	4	2	0	5	1	0	1	2	0	0	5	0	2	2
7	5	2	0	8	0	3	0	0	1	0	0	3	2	2
8	2	1	2	2	1	0	3	3	0	4	0	2	2	2
9	0	0	0	7	4	2	0	2	3	3	2	2	2	2
10	0	0	0	1	2	0	0	3	3	2	4	0	1	1
11	2	0	1	2	2	0	0	2	3	0	2	4	2	2
12	0	0	2	4	1	2	2	1	1	0	2	2	1	1
13	5	2	2	2	0	3	0	6	0	7	1	6	3	3
14	5	3	3	4	0	2	0	1	0	1	0	1	2	2
15	3	0	9	2	1	0	8	0	1	4	5	4	3	3
16	5	4	2	1	****	2	0	3	2	2	1	0	2	2
17	2	2	0	3	2	0	0	0	0	0	0	3	1	1
18	1	0	1	3	0	0	0	2	0	0	2	0	1	1
19	3	0	5	3	2	0	2	0	0	2	0	0	1	1
20	0	2	0	2	2	2	0	0	3	1	5	0	1	1
21	2	3	1	2	2	2	4	1	2	2	2	2	2	2
22	2	0	3	0	4	2	0	2	1	2	0	3	2	2
23	2	3	2	3	0	3	0	2	2	2	2	0	2	2
24	0	2	0	4	2	2	0	0	2	2	1	0	1	1
25	1	0	1	5	0	0	0	1	0	1	2	3	1	1
26	1	3	1	4	1	2	0	1	2	4	2	2	2	2
27	2	3	2	4	4	3	2	3	1	5	0	2	3	3
28	2	2	2	2	1	1	0	2	1	0	2	3	2	2
29	0	0	2	2	0	3	2	0	2	0	3	2	1	1
30	0	3	2	1	0	0	0	4	1	0	2	4	1	1
31	2	2	0	0	2	1	2	3	3	3	5	1	2	2
MEAN	2	2	2	3	1	2	1	2	2	2	2	2	1.7	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEW5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 47040 POLICE STATION 65 VESPRE ST, BARRIE													MONTH - NOV 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	0	1	3	3	3	3	0	2	5	3	2	2	2
2	0	0	0	2	4	2	2	4	0	1	2	2	2	2
3	3	0	1	2	4	2	3	2	3	2	4	3	2	2
4	2	4	0	2	0	2	2	0	0	0	2	1	1	1
5	6	2	0	0	3	0	0	2	0	1	1	0	1	1
6	4	0	1	1	3	2	1	0	2	0	3	1	2	2
7	4	0	2	0	0	2	2	0	0	2	0	0	1	1
8	2	0	0	2	1	0	3	2	0	2	2	1	1	1
9	2	0	2	0	3	0	2	3	3	3	2	0	2	2
10	0	5	2	2	3	2	0	2	2	0	2	2	2	2
11	2	0	1	0	0	0	0	3	2	0	2	0	1	1
12	2	0	2	0	0	0	2	2	2	0	0	0	2	2
13	2	1	2	2	0	0	0	2	2	2	4	2	2	2
14	3	3	1	3	3	3	0	2	2	2	5	3	3	3
15	3	3	2	7	5	3	0	2	2	7	3	3	4	4
16	2	2	3	7	3	4	3	7	3	5	3	3	4	4
17	5	8	5	4	3	3	0	2	3	3	5	6	4	4
18	2	0	2	0	2	0	0	1	2	3	0	2	3	3
19	2	0	2	0	0	3	2	2	0	3	2	0	1	1
20	2	2	0	2	0	2	0	0	5	2	2	4	2	2
21	3	2	0	4	2	2	0	2	0	2	0	2	2	2
22	0	2	2	2	3	0	2	0	0	5	6	0	2	2
23	3	1	2	0	0	3	0	2	0	0	0	3	1	1
24	0	5	0	2	4	2	0	3	0	2	2	2	2	2
25	2	0	0	0	2	2	2	3	2	3	1	2	2	2
26	3	0	0	0	0	2	2	3	0	2	0	0	1	1
27	0	0	0	0	2	0	2	1	2	0	3	0	1	1
28	0	1	3	3	0	5	5	3	2	0	3	0	2	2
29	5	0	3	0	2	2	****	-	-	-	-	-	*****	*****
30							- DATA UNAVAILABLE -							
MEAN	2	1	1	2	2	2	2	2	2	2	2	2	1.8	

PERCENTAGE OF DATA VALID - 95.0

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 4.7

NOTES . ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES UNITS - 0.1 COHS/1000 FT

STATION - C NO 47040 POLICE STATION 65 VESPRE ST. BARRIE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY	6	1.6	2	6
JUN	28	1.6	4	7
JUL	31	1.9	4	10
AUG	31	1.7	3	9
SEP	30	1.8	4	21
OCT	31	2.7	7	26
NOV	28	1.8	4	8
YEAR	185	1.9	7	26

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES UNITS - 0.1 COHS/1000 FT

STATION - C NO 47040 POLICE STATION 65 VESPRE ST. BARRIE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	DATA UNAVAILABLE							
MAR	DATA UNAVAILABLE							
APR	DATA UNAVAILABLE							
MAY	75	3	0	0	0	0	0	78
JUN	317	29	0	0	0	0	0	346
JUL	328	40	0	0	0	0	0	368
AUG	346	25	0	0	0	0	0	371
SEP	343	16	0	0	1	0	0	360
OCT	317	47	5	1	1	0	0	371
NOV	319	23	0	0	0	0	0	342
YEAR	2045	183	5	1	2	0	0	2236

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
87.1	0	0.0	0.1	1.3	2.0	3.7	4.8	6.5	7.6	26	1.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE													MONTH - JAN 77
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	0	0	2	0	3	2	1	2	0	1	1
2	0	4	1	0	2	0	0	6	4	4	2	4	2
3	2	7	4	1	3	2	2	7	1	10	7	2	2
4	6	2	0	2	2	2	2	0	3	0	3	0	2
5	2	3	3	4	2	6	0	2	0	0	0	4	2
6	1	4	1	0	7	2	9	6	6	8	3	6	4
7	3	3	1	2	0	0	3	5	0	0	2	2	2
8	2	2	3	2	0	6	4	1	7	0	0	0	2
9	0	1	2	2	3	0	3	3	0	0	0	0	2
10	0	2	2	0	2	0	2	4	0	2	2	2	2
11	2	0	4	2	1	4	0	2	2	4	3	6	3
12	3	1	4	0	7	2	***	0	6	7	8	5	4
13	3	1	2	4	6	0	4	3	2	19	2	4	4
14	6	2	10	5	12	18	8	6	2	5	2	3	7
15	17	3	6	1	5	2	3	1	2	3	0	2	4
16	3	2	2	3	1	0	2	1	2	2	2	0	2
17	0	2	4	4	2	2	0	2	0	0	2	0	2
18	4	3	3	1	0	***	2	3	0	0	0	5	2
19	2	0	0	0	1	0	0	1	1	1	2	1	1
20	0	1	0	2	0	1	0	1	0	2	3	2	1
21	- DATA UNAVAILABLE -												
22	- DATA UNAVAILABLE -												
23	- DATA UNAVAILABLE -												
24	- DATA UNAVAILABLE -												
25	- DATA UNAVAILABLE -												
26	- DATA UNAVAILABLE -												
27	2	0	0	1	0	3	3	2	4	5	2	2	*****
28	1	6	2	0	4	2	2	0	3	1	3	0	2
29	1	2	3	1	1	3	0	1	4	1	6	2	2
30	0	2	2	1	0	2	0	4	0	2	1	0	1
31	0	4	1	2	1	2	3	1	2	2	***	***	2
MEAN	2	2	2	2	3	2	2	3	3	3	3	2	2.5

PERCENTAGE OF DATA VALID - 80.6

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 18.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE													MONTH - FEB 77
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	2	0	5	0	1	0	0	0	2	0	1
2	0	2	2	0	0	1	0	3	2	5	5	2	2
3	0	***	***	***	***	***	***	4	4	2	3	2	*****
4	0	1	2	0	0	1	1	4	0	2	0	0	1
5	3	3	1	1	0	0	0	0	2	0	0	4	1
6	0	0	1	2	2	0	0	3	2	2	0	2	1
7	2	0	1	0	1	1	0	1	1	2	1	0	1
8	2	0	3	2	2	8	***	3	4	4	4	2	3
9	3	10	4	7	13	4	0	2	7	7	5	2	5
10	6	7	2	3	4	4	3	7	3	2	2	11	5
11	2	10	6	3	0	7	0	2	2	0	0	3	3
12	0	0	4	2	7	7	2	0	2	0	0	3	2
13	3	0	2	1	4	2	0	0	2	0	0	3	2
14	2	1	1	4	1	1	3	0	2	0	2	1	2
15	0	0	3	0	2	0	3	2	0	0	0	1	2
16	2	1	0	0	***	***	***	1	0	1	0	0	1
17	2	0	2	6	1	3	0	2	0	5	2	5	2
18	3	0	4	0	2	6	3	11	7	2	3	3	4
19	4	2	3	1	0	2	0	1	2	3	0	0	2
20	0	0	9	0	3	0	0	4	0	2	2	0	2
21	0	4	2	0	0	2	0	2	0	0	3	0	1
22	1	3	1	2	2	2	2	2	4	2	0	0	2
23	6	0	2	0	2	4	2	2	2	3	2	0	2
24	3	3	0	3	0	2	0	***	2	0	3	2	2
25	1	1	0	8	4	0	1	0	0	1	1	0	1
26	2	0	0	3	4	1	0	1	0	2	2	2	1
27	0	2	1	5	0	2	0	2	0	3	2	0	1
28	3	1	4	0	0	5	0	0	2	0	1	0	1
MEAN	2	2	2	2	2	3	1	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 96.7

PERCENTAGE OF DATA INVALID - 3.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE														MONTH - MAY 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	5	9	5	5	3	5	0	2	2	0	0	2	3		
2	3	2	1	2	1	0	3	3	0	0	2	6	2		
3	0	5	0	0	1	2	2	7	0	0	0	0	1		
4	0	4	2	2	0	3	0	2	0	2	1	4	2		
5	1	5	2	4	0	4	0	2	0	5	5	8	3		
6	3	1	4	2	3	0	2	0	0	1	0	0	1		
7	2	0	2	0	2	2	1	3	2	0	1	3	2		
8	0	0	0	4	0	0	2	0	0	2	1	2	1		
9	0	0	2	0	0	2	0	2	0	1	0	0	1		
10	0	0	0	1	1	2	0	0	0	0	2	0	1		
11	0	4	2	2	0	0	2	3	0	0	0	0	1		
12	0	0	3	6	0	2	3	0	1	1	4	3	2		
13	0	1	2	2	3	2	0	0	1	3	0	3	1		
14	3	0	0	0	1	0	1	0	0	3	0	0	1		
15	3	0	0	1	1	1	0	1	2	0	0	0	1		
16	1	5	0	5	0	1	9	1	0	0	5	7	3		
17	3	5	3	5	7	5	5	5	1	3	5	0	4		
18	0	0	1	5	5	7	3	1	1	0	0	0	2		
19	0	3	5	1	1	0	1	3	3	1	0	5	2		
20	3	1	1	3	3	****	3	0	3	1	0	6	2		
21	2	2	2	0	2	4	2	0	0	8	3	1	2		
22	0	1	3	5	2	0	2	3	0	2	2	2	2		
23	1	4	2	0	2	2	2	1	0	0	3	2	2		
24	8	5	4	2	3	6	2	0	2	2	0	3	3		
25	0	2	1	0	0	1	0	0	2	1	0	1	1		
26	7	2	3	0	3	3	0	0	7	2	1	0	2		
27	0	0	2	2	1	2	0	0	5	1	3	2	2		
28	0	2	0	3	2	2	0	4	1	0	0	0	1		
29	0	0	0	6	2	2	2	1	2	2	2	2	2		
30	2	3	1	2	0	0	0	1	1	0	2	2	1		
31	2	1	0	1	2	0	2	2	3	3	1	1	2		
MEAN	2	2	2	2	2	2	2	1	1	1	1	2	1.7		

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE														MONTH - JUN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	2	0	3	0	3	0	2	0	0	3	0	1	1		
2	0	2	2	1	1	3	5	1	0	0	2	2	2		
3	2	0	4	2	3	3	0	2	0	2	0	2	2		
4	1	1	6	1	0	4	3	1	0	3	6	4	3		
5	2	0	2	0	0	1	0	2	2	0	4	0	1		
6	0	3	0	2	0	0	2	1	2	2	0	0	1		
7	2	0	1	0	3	2	1	0	1	0	4	1	1		
8	5	1	0	0	0	3	2	2	0	1	2	4	2		
9	2	2	0	5	0	0	1	3	1	0	2	0	1		
10	0	2	1	0	3	1	3	6	0	3	0	0	2		
11	0	2	0	2	0	0	2	1	3	0	1	4	1		
12	0	3	1	2	1	0	1	2	0	2	0	0	1		
13	0	5	0	0	3	2	0	1	0	2	0	0	1		
14	3	0	2	1	2	0	7	0	4	1	0	4	2		
15	3	2	0	0	4	1	5	3	0	0	1	0	2		
16	2	0	2	3	0	2	0	0	2	2	7	2	2		
17	5	2	0	2	2	6	2	2	0	2	2	0	2		
18	2	3	5	0	2	0	0	3	0	0	3	3	2		
19	2	2	1	2	0	0	1	2	2	2	3	2	2		
20	0	2	6	0	2	0	2	1	3	3	0	2	2		
21	0	0	0	2	2	1	1	1	1	2	2	1	1		
22	0	0	1	0	1	0	0	1	2	1	0	1	1		
23	0	2	2	2	2	0	0	4	0	3	0	0	1		
24	2	1	3	1	2	0	2	0	1	3	3	3	2		
25	6	3	0	3	0	3	2	0	1	0	2	1	2		
26	0	1	0	2	2	1	2	0	2	0	0	0	1		
27	11	2	4	0	5	2	3	0	2	2	0	0	3		
28	2	0	3	2	5	2	3	0	6	0	2	0	2		
29	3	0	2	0	1	0	1	0	***	2	2	2	1		
30	0	0	0	3	3	6	3	4	1	3	3	3	2		
MEAN	2	1	2	1	2	1	2	1	1	1	2	1	1.5		

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE													MONTH - SEP 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	3	3	5	3	2	4	6	0	2	1	3	3	
2	3	2	6	0	2	0	****	0	4	0	0	1	2	
3	0	0	3	0	0	0	1	2	1	4	2	0	1	
4	2	7	0	2	2	0	0	3	0	0	2	0	2	
5	2	1	2	2	0	0	5	3	4	1	4	0	2	
6	1	0	2	0	0	0	2	0	2	0	0	1	1	
7	2	0	0	0	0	1	2	2	0	0	0	2	1	
8	0	3	3	2	2	3	0	0	0	2	2	0	1	
9	3	1	1	2	2	0	1	2	2	2	4	1	2	
10	0	2	0	1	0	3	1	2	0	0	0	1	1	
11	3	7	0	0	0	0	0	2	4	6	0	2	2	
12	4	0	2	0	5	2	6	0	3	1	2	4	2	
13	0	4	2	2	0	4	0	0	2	0	3	8	2	
14	1	0	2	2	0	1	0	0	2	0	0	0	1	
15	1	2	0	2	0	0	0	0	0	2	2	0	1	
16	0	1	2	2	1	5	0	5	2	3	3	2	2	
17	0	2	4	2	0	2	0	0	0	0	6	0	1	
18	0	0	0	1	2	0	1	1	2	0	0	5	1	
19	3	2	0	2	2	0	1	2	0	2	0	7	2	
20	7	2	0	0	0	1	3	0	0	0	2	0	1	
21	1	2	0	1	0	0	0	1	2	0	2	0	1	
22	2	0	1	0	0	0	2	0	3	1	2	0	1	
23	0	3	2	0	0	3	0	0	0	5	2	0	1	
24	4	3	0	2	3	4	2	0	0	0	3	1	2	
25	2	3	0	0	1	0	1	2	1	****	****	****	1	
26							- DATA INVALID -							
27							- DATA INVALID -							
28							- DATA INVALID -							
29							- DATA INVALID -							
30							- DATA INVALID -							
MEAN	2	2	1	1	1	1	1	1	1	1	2	2	1.4	

PERCENTAGE OF DATA VALID - 82.2 PERCENTAGE OF DATA INVALID - 17.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LEJS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE													MONTH - OCT 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1							- DATA INVALID -							
2							- DATA INVALID -							
3							- DATA INVALID -							
4							- DATA INVALID -							
5							- DATA INVALID -							
6	****	****	****	****	****	0	4	1	0	0	0	3	*****	
7	2	0	1	1	2	0	0	2	1	0	0	2	1	
8	2	0	0	0	0	2	0	4	2	0	0	4	1	
9	2	2	0	0	1	0	0	1	0	0	2	2	1	
10	0	1	0	1	0	2	2	0	0	2	4	2	1	
11	2	2	2	0	5	0	1	0	0	2	0	0	1	
12	0	2	2	0	0	2	0	0	0	2	1	3	1	
13	1	0	0	2	0	2	0	1	0	2	0	5	1	
14	0	3	3	2	3	1	3	0	0	2	3	2	2	
15	2	3	0	4	0	2	0	0	3	2	0	2	2	
16	0	0	0	0	2	0	2	0	3	0	4	0	1	
17	0	2	0	0	1	2	0	0	3	2	3	0	1	
18	2	0	0	2	2	2	1	0	0	3	2	0	1	
19	0	0	3	5	5	0	2	2	2	3	2	0	2	
20	2	2	0	4	0	2	0	3	0	0	2	0	1	
21	3	3	0	5	2	0	2	2	2	1	3	2	2	
22	0	2	1	3	0	0	2	0	2	0	3	0	1	
23	2	0	0	1	2	2	2	0	3	1	2	0	1	
24	2	2	****	0	0	0	5	****	2	0	3	6	2	
25	1	1	3	3	6	5	3	2	2	2	2	3	3	
26	2	2	4	3	4	3	1	2	2	3	2	2	3	
27	0	0	2	0	0	1	1	0	3	0	0	2	1	
28	0	0	1	0	2	0	1	1	0	0	2	0	1	
29	0	0	0	0	2	2	0	0	0	4	4	2	1	
30	2	0	0	0	2	2	1	0	1	2	2	0	1	
31	0	0	0	2	2	1	2	0	2	2	2	2	1	
MEAN	1	1	1	2	2	1	1	1	1	1	2	2	1.3	

PERCENTAGE OF DATA VALID - 82.0 PERCENTAGE OF DATA INVALID - 18.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LEJS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE													MONTH - NOV 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	2	0	1	2	2	1	0	2	1	0	0	1	
2	0	0	2	2	1	0	2	3	1	2	0	2	1	
3	1	2	0	2	2	1	0	3	2	0	0	0	1	
4	2	2	2	0	0	0	****	0	0	0	0	0	1	
5	0	0	0	3	0	2	0	0	2	0	2	0	1	
6	3	2	0	0	0	0	2	3	2	0	0	2	1	
7	0	2	0	0	0	2	0	2	2	2	0	2	1	
8	0	0	0	2	0	0	2	2	1	0	0	0	1	
9	2	2	2	0	2	0	2	0	2	0	2	0	1	
10	0	2	3	0	3	0	0	2	0	0	0	0	1	
11	2	0	0	0	0	0	0	0	0	0	2	0	0	
12	0	0	0	0	0	0	2	0	1	0	0	0	0	
13	0	0	0	0	0	0	3	0	0	0	2	2	1	
14	0	2	0	2	2	0	0	3	0	4	0	3	1	
15	4	2	0	2	2	2	2	3	3	2	3	2	2	
16	2	5	0	0	7	0	9	0	4	3	1	3	3	
17	3	2	0	2	2	0	0	2	0	0	3	0	1	
18	2	0	0	0	****	2	0	0	0	2	0	3	1	
19	2	0	3	2	0	2	0	0	0	0	2	3	1	
20	2	0	0	2	0	2	0	0	0	0	2	2	1	
21	0	3	2	0	0	2	0	0	2	0	0	5	1	
22	0	0	2	0	2	2	3	0	2	0	0	0	1	
23	2	0	0	0	0	0	2	0	3	0	2	0	1	
24	2	2	2	0	0	0	0	2	2	0	0	2	1	
25	0	2	0	0	4	0	0	0	0	0	2	0	1	
26	0	2	0	0	2	2	0	0	0	3	2	0	1	
27	0	0	0	2	0	0	0	0	2	0	0	2	1	
28	2	0	0	2	0	2	3	0	3	5	0	0	1	
29	3	0	0	1	2	3	2	2	3	4	3	4	2	
30	3	0	2	0	0	0	2	0	2	0	3	2	1	
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.1	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEJS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE													MONTH - DEC 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	2	2	0	2	0	0	3	0	3	1	
2	0	0	0	4	2	0	0	0	0	2	0	2	1	
3	2	0	2	0	0	3	2	2	0	2	0	2	1	
4	0	0	0	0	0	0	0	3	0	2	2	2	1	
5	0	0	0	2	0	0	3	0	0	2	0	3	1	
6	0	0	0	0	0	0	0	0	0	2	0	3	1	
7	3	2	0	0	0	0	0	2	0	2	2	2	1	
8	0	3	3	3	1	3	0	2	0	3	0	0	2	
9	2	2	3	0	0	0	3	0	0	0	2	0	1	
10	2	0	2	0	0	2	0	2	3	2	3	3	2	
11	0	3	0	2	2	4	0	2	3	3	7	3	2	
12	4	0	0	0	2	0	2	2	0	2	3	0	1	
13	2	0	2	0	3	2	0	3	2	3	0	5	2	
14	1	0	2	0	2	0	2	2	0	2	0	2	1	
15	2	2	2	0	2	3	2	2	2	0	4	3	2	
16	3	2	0	4	2	2	2	2	0	0	4	2	2	
17	0	2	0	0	2	0	0	0	3	2	0	1	1	
18	0	2	0	3	3	0	0	0	3	0	0	0	1	
19	2	0	0	0	2	3	3	1	0	0	2	0	0	
20	0	0	0	0	2	0	0	0	0	0	0	0	0	
21	0	0	2	2	0	0	0	****	2	0	2	0	1	
22	2	0	2	2	0	0	0	0	0	0	0	2	1	
23	0	0	0	0	0	2	0	0	2	3	3	5	1	
24	6	2	0	8	6	1	2	1	0	0	2	2	3	
25	0	1	0	2	0	1	4	0	1	0	3	2	1	
26	2	1	0	0	0	0	2	1	0	2	0	2	1	
27	5	0	1	0	****	****	****	****	****	****	****	****	****	
28														
29														
30														
31														
MEAN	1	1	1	1	1	1	1	1	1	1	2	2	1.2	

PERCENTAGE OF DATA VALID - 84.7

PERCENTAGE OF DATA INVALID - 28.2

PERCENTAGE OF DATA UNAVAILABLE --12.9

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEJS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	25	2.5	7	20
FEB	27	1.9	5	13
MAR	31	1.7	5	11
APR	28	1.9	5	10
MAY	31	1.7	4	9
JUN	30	1.5	3	11
JUL	31	1.5	3	15
AUG	31	1.5	3	8
SEP	25	1.4	3	8
OCT	25	1.3	3	6
NOV	30	1.1	3	9
DEC	26	1.2	3	8
YEAR	340	1.6	7	20

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	259	36	1	4	0	0	0	300
FEB	295	27	3	0	0	0	0	325
MAR	336	32	2	0	0	0	0	370
APR	304	34	0	0	0	0	0	338
MAY	331	40	0	0	0	0	0	371
JUN	339	19	1	0	0	0	0	359
JUL	342	28	1	0	0	0	0	371
AUG	345	26	0	0	0	0	0	371
SEP	279	17	0	0	0	0	0	296
OCT	296	9	0	0	0	0	0	305
NOV	353	5	0	0	0	0	0	358
DEC	308	7	0	0	0	0	0	315
YEAR	3787	280	8	4	0	0	0	4079

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
93.1	0	0.0	0.0	0.9	1.7	3.3	4.7	6.4	7.4	20	1.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA													MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1							- DATA INVALID -							
2							- DATA INVALID -							
3							- DATA INVALID -							
4							- DATA INVALID -							
5							- DATA INVALID -							
6	0	2	4	6	2	5	1	5	9	8	2	7	4	4
7	6	2	5	2	4	3	4	2	6	7	0	2	4	4
8	3	2	5	0	2	1	4	3	2	3	8	4	3	3
9	8	7	6	4	2	0	1	0	2	4	4	2	3	3
10	2	2	0	1	5	2	4	1	7	3	2	2	3	3
11	1	2	2	0	4	****	****	****	****	****	****	****	*****	
12							- DATA INVALID -							
13							- DATA INVALID -							
14							- DATA INVALID -							
15							- DATA INVALID -							
16							- DATA INVALID -							
17							- DATA INVALID -							
18							- DATA INVALID -							
19	****	-	-	-	-	-	-	0	3	0	0	3	*****	
20	0	3	0	0	0	0	0	0	0	2	2	2	1	
21	0	4	3	5	2	0	2	3	2	2	2	0	2	
22	0	2	0	2	2	0	2	0	3	3	0	0	1	
23	0	3	0	4	2	0	1	2	3	2	3	0	2	
24	3	0	0	0	0	2	0	0	5	4	8	8	3	
25	5	4	4	3	3	7	3	0	7	9	5	7	5	
26	5	2	0	0	0	****	-	-	-	-	-	-	*****	
27							- DATA UNAVAILABLE -							
28							- DATA UNAVAILABLE -							
29							- DATA UNAVAILABLE -							
30							- DATA UNAVAILABLE -							
31							- DATA UNAVAILABLE -							
MEAN	3	3	2	2	2	2	2	1	4	4	3	3	2.6	

PERCENTAGE OF DATA VALID - 39.5 PERCENTAGE OF DATA INVALID - 79.8 PERCENTAGE OF DATA UNAVAILABLE --19.4

- NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA													MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	-	-	-	-	-	-	0	0	4	3	0	0	*****	
2	7	3	0	2	5	0	0	2	0	2	0	3	2	
3	3	5	2	3	2	5	7	2	5	2	1	0	3	
4	2	0	2	2	2	1	0	2	3	2	0	2	2	
5	4	3	0	3	2	2	0	0	1	1	0	0	1	
6	0	0	3	2	0	0	2	0	2	2	0	0	1	
7	0	0	2	2	2	0	0	0	0	0	0	3	2	
8	0	3	3	2	2	5	****	0	0	2	0	2	3	
9	3	5	0	3	7	2	0	5	3	2	3	2	3	
10	3	3	3	7	9	3	2	2	0	3	2	3	3	
11	5	3	2	3	5	7	7	5	9	9	3	2	5	
12	3	2	0	5	2	3	5	4	2	2	3	2	3	
13	3	2	0	0	2	2	0	3	3	0	2	0	2	
14	3	2	2	2	1	3	2	0	0	0	0	3	2	
15	2	0	0	3	2	1	0	3	3	3	2	2	2	
16	1	0	5	5	0	0	2	0	3	0	2	2	2	
17	11	6	4	2	5	3	2	2	2	3	7	0	4	
18	3	4	2	0	4	2	3	3	2	5	7	5	3	
19	7	5	3	2	5	2	2	0	4	2	0	0	3	
20	0	3	3	0	****	-	-	-	-	-	-	-	*****	
21							- DATA UNAVAILABLE -							
22							- DATA UNAVAILABLE -							
23		-	-	-	-	-	****	2	2	2	3	3	*****	
24	0	3	3	2	0	2	2	3	2	2	2	1	2	
25	2	3	0	0	3	3	0	6	2	0	0	3	2	
26	0	3	0	2	2	3	0	3	0	0	3	2	2	
27	3	3	0	2	3	2	0	7	0	2	0	0	1	
28	0	0	0	3	2	2	0	0	0	0	0	0		
MEAN	3	3	1	2	3	2	2	2	2	2	2	2	2.1	

PERCENTAGE OF DATA VALID - 86.3 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 12.8

- NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA													MONTH - MAR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	3	5	2	1	0	0	***	0	2	0	2	2	2
2	2	2	0	2	2	0	4	0	0	2	3	4	4	2
3	0	3	2	3	3	2	0	3	2	4	8	9	3	3
4	3	3	0	3	0	3	0	2	0	2	0	3	2	2
5	2	3	1	2	2	0	0	0	3	0	2	3	2	2
6	2	2	3	2	0	0	0	0	3	0	2	3	2	2
7	2	2	5	2	3	2	0	0	1	2	2	2	2	2
8	2	2	3	4	7	3	2	0	1	5	2	4	3	3
9	7	3	7	11	2	5	7	1	7	0	3	3	2	2
10	3	5	2	9	5	3	2	3	7	0	6	5	5	5
11	9	7	7	13	8	7	2	4	3	6	5	5	6	6
12	6	5	3	2	0	2	4	5	3	11	7	2	4	4
13	6	6	5	0	0	2	3	2	3	3	2	5	3	3
14	2	4	3	2	4	5	2	0	4	2	2	5	3	3
15	2	3	1	5	0	0	1	2	4	0	0	2	2	2
16	4	4	2	6	3	2	3	0	0	5	0	0	2	2
17	0	0	3	1	2	2	2	0	3	2	7	2	2	2
18	2	2	3	2	0	4	2	4	5	2	2	2	3	3
19	0	0	2	2	2	3	0	3	2	2	2	5	2	2
20	0	8	6	4	2	2	2	2	0	3	0	3	3	3
21	2	5	0	2	5	1	2	2	2	0	0	1	2	2
22	2	1	0	5	1	3	3	2	2	2	3	2	2	2
23	1	3	0	2	2	4	***	2	0	2	0	3	2	2
24	7	2	3	2	0	0	1	2	0	2	0	3	2	2
25	1	0	2	0	2	2	0	3	2	2	2	0	2	2
26	0	0	1	2	2	0	3	2	2	3	0	0	1	1
27	7	5	9	5	2	2	2	0	0	2	2	2	2	2
28	2	5	6	11	5	3	5	2	7	5	3	2	4	4
29	4	4	7	4	7	2	3	3	1	6	5	10	5	5
30	3	4	4	7	11	5	5	2	4	2	2	2	4	4
31	2	3	0	2	2	0	3	0	2	0	0	1	1	1
MEAN	3	3	3	4	3	2	2	2	2	3	2	3	2.7	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LE.S THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA													MONTH - APR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	3	3	0	0	0	0	4	0	2	1	1
2	4	5	3	0	2	2	2	2	0	2	0	5	2	2
3	0	4	3	0	2	0	0	2	0	6	0	3	2	2
4	0	0	3	2	2	2	***	2	2	2	2	0	2	2
5	1	3	2	4	3	2	4	2	2	2	2	0	2	2
6	2	0	1	0	1	0	0	0	0	7	0	1	3	3
7	2	2	2	3	7	0	0	0	0	0	0	2	1	1
8	2	2	2	2	2	0	2	1	2	1	2	7	2	2
9											***	-	2	2
10														
11														
12	-	-	-	-	-	-	0	0	4	0	0	7	*****	
13	0	2	3	4	2	3	2	0	2	3	5	0	2	2
14	2	2	2	2	0	0	0	3	0	0	1	2	1	1
15	3	2	0	2	2	2	2	0	0	2	2	2	2	2
16	2	5	2	3	2	2	0	0	1	0	5	2	2	2
17	2	0	5	3	0	3	0	3	2	3	2	2	2	2
18	3	1	7	5	0	8	3	2	1	2	3	0	3	3
19	4	7	2	3	3	5	3	2	2	0	3	3	3	3
20	7	5	6	2	2	8	2	3	***	3	7	5	5	5
21	7	5	3	4	3	1	4	5	3	2	3	1	3	3
22	4	5	2	5	0	3	3	0	2	0	3	1	2	2
23	2	0	0	2	0	3	0	3	0	2	2	3	1	1
24	2	0	0	2	3	2	2	2	0	3	0	3	2	2
25	1	1	0	3	3	2	0	2	2	3	5	3	2	2
26	4	2	0	7	2	3	2	1	3	2	0	4	3	3
27	2	2	3	1	***	0	3	0	5	5	2	0	2	2
28	2	0	2	2	5	3	3	0	2	0	0	2	2	2
29	5	2	5	2	0	2	2	2	3	0	0	0	2	2
30	2	5	2	3	0	1	1	0	5	5	3	3	3	3
MEAN	3	2	2	3	2	2	2	2	2	2	2	2	2.1	

PERCENTAGE OF DATA VALID - 86.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 11.9

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LE.S THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST,OTTAWA													MONTH - MAY 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	5	2	3	2	2	3	3	1	3	0	3	2	2
2	3	5	1	3	3	0	2	5	0	0	0	2	2	2
3	2	2	0	2	3	0	2	0	0	1	2	7	7	2
4	7	6	2	4	0	0	2	***	2	0	3	7	7	3
5	5	3	9	2	3	3	3	3	3	0	2	0	0	3
6	3	2	2	3	0	2	0	2	2	0	0	0	0	1
7	0	1	1	0	3	2	2	0	1	0	3	3	3	2
8	2	0	3	0	0	0	3	3	0	5	1	0	0	1
9	2	3	0	0	0	2	3	3	1	0	0	0	0	1
10	5	0	2	0	2	2	3	0	0	1	0	0	0	1
11	2	1	2	0	0	2	***	3	0	2	3	2	2	2
12	2	2	2	1	3	2	3	2	2	0	5	2	2	2
13	0	2	1	0	2	2	1	0	0	0	0	4	1	1
14	2	3	3	0	0	2	0	0	0	0	2	1	1	1
15	5	3	0	0	0	0	2	2	0	0	0	3	2	2
16	2	2	0	0	1	0	0	2	0	2	2	3	1	1
17	2	2	2	1	3	1	0	0	3	0	6	3	2	2
18	7	1	2	9	3	***	3	3	3	2	5	5	4	4
19	0	1	1	9	3	0	0	2	1	0	2	0	2	2
20	5	2	0	3	3	3	2	2	3	3	2	5	3	3
21	3	5	2	5	2	2	0	1	2	2	2	3	2	2
22	3	5	2	2	4	3	0	5	2	3	2	0	3	3
23	2	3	2	3	2	0	2	2	2	2	2	3	2	2
24	3	2	3	5	7	2	***	5	1	2	3	0	3	3
25	5	2	1	2	2	0	2	0	2	0	3	0	2	2
26	0	0	0	2	0	2	0	2	0	0	0	1	1	1
27	0	2	1	2	2	0	3	1	0	0	2	0	1	1
28	0	3	0	3	1	0	2	2	0	1	3	2	1	1
29	0	2	2	0	2	0	0	0	3	0	2	3	2	2
30	2	2	2	4	0	3	2	2	0	0	0	3	2	2
31	0	3	2	2	0	2	0	1	3	0	3	5	2	2
MEAN	2	2	2	2	2	1	2	2	1	1	2	2	1.8	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST,OTTAWA													MONTH - JUN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	2	6	9	5	3	2	0	2	2	0	3	3
2	0	3	1	5	4	***	2	2	0	0	0	0	2	2
3	0	4	0	0	1	2	2	2	2	0	5	4	2	2
4	4	0	2	2	0	0	2	2	0	2	0	2	1	1
5	3	2	2	0	2	2	0	2	3	0	0	2	2	2
6	1	2	0	1	0	2	0	0	2	0	0	1	1	1
7	0	3	0	2	0	1	0	0	2	0	0	0	1	1
8	2	0	2	0	2	2	3	2	0	2	2	0	1	1
9	1	1	0	2	2	4	2	0	2	0	1	0	1	1
10	2	1	0	2	2	2	0	3	0	1	0	2	1	1
11	3	0	1	2	0	2	0	0	2	2	0	2	1	1
12	2	0	2	1	0	2	0	2	1	0	0	1	1	1
13	2	1	0	3	1	2	1	2	2	0	0	0	1	1
14	3	2	2	2	2	2	0	2	0	2	1	0	1	1
15	0	2	2	2	0	0	2	2	***	2	0	0	1	1
16	2	2	2	3	4	0	1	2	0	2	5	2	2	2
17	2	2	0	2	7	2	3	2	2	2	2	0	2	2
18	4	2	2	3	0	2	1	2	2	2	2	3	2	2
19	0	2	2	0	2	0	0	2	0	2	0	0	1	1
20	0	0	3	2	0	0	1	0	2	2	2	0	1	1
21	1	0	2	0	2	0	0	2	0	0	0	1	1	1
22	0	0	0	0	1	0	2	***	2	0	0	5	1	1
23	3	0	4	2	3	3	0	3	0	4	0	0	2	2
24	1	2	2	2	3	2	0	2	2	2	2	5	2	2
25	2	0	3	3	3	5	2	2	2	3	0	4	2	2
26	2	1	2	3	0	2	1	2	2	2	2	3	2	2
27	0	3	0	0	5	0	3	0	3	0	3	2	2	2
28	2	3	3	5	***	3	3	1	1	2	2	2	2	2
29	3	2	2	2	3	2	2	2	2	0	0	0	2	2
30	1	2	2	3	1	3	2	0	1	0	2	4	2	2
MEAN	2	1	1	2	2	2	1	1	1	1	1	2	1.5	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA													MONTH - JUL 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	2	2	2	0	0	3	2	0	0	3	0	1	
2	2	0	0	2	3	2	2	0	0	2	2	0	1	
3	3	2	2	2	2	0	2	0	0	4	0	0	1	
4	0	3	1	2	2	3	1	4	2	0	5	0	2	
5	1	3	0	2	2	3	1	0	2	0	0	3	1	
6	1	0	0	3	2	0	0	0	2	0	0	1	1	
7	0	2	0	5	2	0	3	0	3	2	3	2	2	
8	2	3	2	5	2	2	3	0	2	2	1	2	2	
9	0	0	0	0	0	2	2	0	2	0	3	2	1	
10	1	0	3	0	3	0	2	0	0	0	2	1	1	
11	1	0	1	2	0	2	****	1	2	2	0	3	1	
12	2	0	5	7	3	2	2	0	1	2	3	3	3	
13	5	3	2	2	2	7	2	3	2	0	0	2	3	
14	2	3	1	1	2	0	2	2	2	2	3	3	2	
15	0	3	0	5	0	2	2	-	8	0	1	0	2	
16	5	4	1	3	4	1	2	1	2	4	3	4	3	
17	2	2	0	4	2	0	1	2	2	6	0	6	2	
18	2	2	2	2	0	5	0	1	2	2	2	4	2	
19	2	2	2	4	2	2	1	2	0	2	2	5	2	
20	2	0	0	3	2	8	1	2	3	1	3	2	2	
21	0	2	0	0	0	2	0	3	1	0	3	0	1	
22	1	2	1	2	3	0	0	0	1	0	2	2	1	
23	0	2	0	1	7	1	2	1	5	0	1	0	2	
24	0	0	2	1	3	2	0	1	2	6	0	1	2	
25	3	2	2	2	3	1	0	0	0	0	2	2	1	
26	0	0	1	0	-	0	5	2	2	0	0	2	1	
27	0	2	0	0	0	0	2	2	0	2	0	2	1	
28	1	0	5	0	2	1	2	2	2	0	2	1	2	
29	3	2	4	2	0	3	2	2	6	2	2	1	2	
30	0	2	0	2	3	2	0	0	0	0	2	0	1	
31	0	0	2	2	4	2	0	0	0	0	1	2	1	
MEAN	1	2	1	2	2	2	2	1	2	1	2	2	1.6	

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.5

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA													MONTH - AUG 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	3	0	5	0	2	0	0	0	2	0	1	
2	5	0	1	0	4	0	3	2	0	2	2	2	2	
3	3	0	0	5	3	0	3	3	6	0	0	2	2	
4	6	2	5	2	2	2	0	2	5	4	2	2	3	
5	2	1	3	3	2	0	2	0	2	0	2	2	2	
6	3	0	0	1	2	2	0	1	1	3	3	0	1	
7	3	0	1	4	2	0	0	0	2	0	0	0	1	
8	2	0	0	2	0	0	2	1	0	3	0	0	1	
9	1	2	0	1	0	2	0	0	2	1	2	0	1	
10	1	2	0	1	0	2	2	2	1	3	0	0	1	
11	1	1	2	2	0	0	0	2	2	3	3	0	1	
12	0	0	0	3	1	1	0	0	0	0	0	2	1	
13	1	2	0	2	0	1	2	0	3	2	0	4	1	
14	2	0	0	1	0	1	0	2	3	2	0	0	1	
15	2	2	3	0	0	0	0	0	2	0	3	1	1	
16	1	0	3	2	0	1	1	2	2	1	0	0	1	
17	2	0	0	3	2	0	0	2	0	2	0	0	1	
18	0	0	2	0	4	0	0	0	2	0	4	2	1	
19	0	0	3	0	3	0	0	2	2	0	1	2	1	
20	3	0	2	0	2	0	3	0	0	1	2	9	2	
21	3	2	0	2	0	2	1	2	0	0	2	2	1	
22	2	0	2	3	3	1	5	0	0	0	1	0	1	
23	2	0	0	0	0	2	0	3	2	0	2	0	1	
24	2	2	0	0	0	0	1	0	0	2	1	0	1	
25	2	3	0	2	0	0	3	1	0	2	0	3	1	
26	0	3	3	3	1	2	0	2	4	0	5	7	3	
27	1	2	5	4	4	1	3	2	5	4	4	5	3	
28	3	0	5	2	2	2	3	0	2	2	4	0	2	
29	3	0	5	3	3	2	5	0	2	0	2	0	2	
30	2	1	0	4	2	2	****	0	2	4	0	4	2	
31	0	2	2	0	0	3	3	0	2	2	3	2	2	
MEAN	2	1	2	2	2	1	1	1	2	1	2	2	1.5	

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA														MONTH - SEP 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	4	0	3	0	2	0	9	0	7	5	2	4	3		
2	2	0	0	2	2	0	2	2	4	2	1	0	1		
3	3	2	0	0	0	0	2	1	0	1	0	0	1		
4	3	1	2	0	7	1	1	2	0	0	0	2	2		
5	1	0	0	0	0	2	0	2	0	0	0	0	0		
6	4	1	0	4	0	3	0	3	0	3	2	1	2		
7	0	2	0	0	0	2	1	***	***	***	***	***	***		
8	***	***	***	***	***	***	***	***	***	***	***	***	***		
9	4	5	0	0	3	3	2	2	3	2	1	2	2		
10	2	0	2	2	1	2	0	2	0	3	0	2	1		
11	0	2	1	0	0	0	0	0	0	5	2	3	1		
12	0	3	1	7	5	4	3	2	3	1	0	4	3		
13	3	1	4	5	6	2	4	2	3	1	6	2	3		
14	0	0	2	2	2	3	2	0	0	1	2	0	1		
15	4	1	0	6	4	2	3	0	4	4	4	2	3		
16	2	2	1	4	5	3	3	4	3	2	3	5	3		
17	3	2	3	1	4	4	2	3	2	4	4	6	3		
18	5	0	7	2	0	1	2	0	3	4	2	1	2		
19	2	0	2	2	2	1	0	0	0	1	0	0	1		
20	0	2	0	3	4	0	3	3	2	0	0	0	1		
21	2	0	3	2	2	0	5	2	0	3	0	2	2		
22	3	0	2	0	2	2	0	0	0	0	3	5	2		
23	0	2	1	3	5	5	0	2	2	2	2	5	2		
24	2	1	0	2	0	3	3	4	3	2	2	2	2		
25	3	2	0	2	1	2	2	2	0	2	0	1	1		
26	5	0	1	6	0	2	0	7	5	0	4	2	3		
27	0	3	0	5	0	3	0	0	6	2	1	5	3		
28	0	4	0	7	2	2	4	2	2	3	2	0	2		
29	2	0	2	4	0	0	3	2	4	0	3	0	3		
30	3	2	5	4	4	3	1	2	3	0	1	0	2		
MEAN	2	1	1	3	2	2	2	2	2	2	2	2	1.9		

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 3.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA														MONTH - OCT 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	3	0	2	5	0	2	2	2	0	0	1	0	1		
2	0	2	2	0	2	2	2	0	3	0	0	2	1		
3	2	0	0	4	0	2	0	5	2	1	3	2	2		
4	2	1	3	1	0	2	2	2	0	2	5	2	2		
5	4	0	3	13	2	3	2	7	4	3	2	2	4		
6	3	3	0	5	0	2	0	2	7	0	2	0	2		
7	3	0	2	5	0	0	2	0	0	6	0	4	2		
8	3	4	3	4	1	3	0	5	2	2	2	2	3		
9	3	0	4	7	***	-	-	-	-	-	-	-	*****		
10	- DATA UNAVAILABLE -														
11	- DATA UNAVAILABLE -														
12	- DATA UNAVAILABLE -														
13	- DATA UNAVAILABLE -														
14	- DATA UNAVAILABLE -														
15	-	-	-	-	-	-	-	-	2	4	9	9	*****		
16	1	2	3	1	0	3	0	1	1	2	0	2	1		
17	0	2	0	2	2	1	0	2	0	2	0	0	1		
18	1	4	3	2	2	0	2	0	5	3	4	2	2		
19	2	0	4	2	0	2	0	3	5	4	7	2	3		
20	0	4	0	4	3	1	2	3	1	6	8	1	3		
21	3	4	2	6	6	3	2	2	2	2	1	3	3		
22	2	3	2	2	2	0	2	0	2	1	0	4	2		
23	0	1	0	0	0	2	1	0	2	2	4	10	2		
24	1	2	2	3	6	2	3	1	1	2	0	3	2		
25	5	3	6	7	8	6	4	5	4	3	4	2	5		
26	3	1	2	2	1	2	3	2	0	2	2	0	2		
27	3	0	2	3	9	9	2	2	2	4	2	1	3		
28	2	0	4	0	2	1	2	2	1	3	2	2	2		
29	1	3	0	3	0	2	0	2	***	7	5	7	3		
30	3	5	2	3	0	1	0	2	0	4	3	2	2		
31	7	5	6	2	4	0	0	2	3	5	2	8	4		
MEAN	2	2	2	3	2	2	1	2	2	3	3	3	2.3		

PERCENTAGE OF DATA VALID - 79.3 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 20.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA													MONTH - NOV 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	3	2	5	7	0	3	1	3	1	3	3	3	3
2	2	3	2	4	4	0	7	1	2	0	3	6	3	3
3	0	3	0	3	7	0	5	0	2	5	2	3	3	3
4	0	2	3	2	5	2	0	2	0	2	1	0	2	2
5	1	2	0	2	0	0	0	3	0	0	3	0	1	1
6	2	2	0	2	3	0	1	6	0	0	5	0	2	2
7	3	1	2	2	3	3	0	0	3	3	0	0	2	2
8	3	2	0	2	2	0	0	2	3	0	0	1	1	1
9	5	1	0	0	4	2	3	2	0	3	3	7	3	3
10	2	0	5	4	5	2	8	3	4	0	3	2	3	3
11	0	5	0	0	2	0	3	3	1	0	3	5	2	2
12	2	0	2	6	3	2	3	2	1	5	0	5	3	3
13	2	0	0	0	0	0	4	0	1	0	0	0	1	1
14	3	0	0	0	2	0	3	3	4	5	3	4	2	2
15	2	5	4	4	5	3	7	4	5	5	3	1	4	4
16	2	3	5	5	7	2	3	2	11	7	3	5	5	5
17	2	7	3	0	3	2	4	1	5	8	5	2	2	1
18	2	0	0	3	0	2	0	0	2	2	0	2	1	1
19	2	0	2	0	2	0	2	0	2	1	3	2	1	1
20	3	2	2	3	2	1	3	2	0	2	4	2	2	2
21	0	1	2	4	5	7	3	2	0	2	2	2	3	3
22	2	0	0	3	2	4	0	0	3	2	5	5	2	2
23	6	2	4	2	3	2	3	0	5	2	4	2	3	3
24	3	0	0	5	2	2	2	0	0	5	0	0	2	2
25	3	0	2	0	2	2	0	3	3	0	2	2	2	2
26	7	5	7	2	0	3	2	3	3	5	2	1	3	3
27	0	2	2	0	0	0	0	2	0	2	3	-	1	1
28														
29														
30														
MEAN	2	2	2	2	3	2	2	2	2	2	2	2	2.2	

PERCENTAGE OF DATA VALID - 89.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 10.3

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA													MONTH - DEC 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	-	-	-	-	-	-	****	7	3	3	0	2	*****	
2	1	3	2	2	0	0	4	1	3	3	0	2	2	2
3	2	2	0	0	0	2	0	2	0	3	2	0	2	2
4	0	2	2	0	0	2	0	0	4	0	2	7	2	1
5	0	0	3	3	0	0	2	2	0	0	0	0	1	1
6	0	4	0	3	3	2	0	9	0	0	0	0	2	2
7	3	0	2	0	0	2	0	5	0	0	0	0	1	1
8	3	0	0	0	0	2	2	2	5	3	5	0	3	3
9	2	7	5	2	2	2	5	2	3	3	0	0	2	2
10		0	4	2	0	2	2	2	3	0	0	2	2	2
11	3	2	0	2	0	0	0	2	3	0	2	8	3	3
12	3	2	3	7	7	2	2	2	3	3	7	0	2	2
13	5	3	0	2	2	3	****	0	7	5	0	6	3	3
14	2	0	3	5	3	2	1	5	3	0	3	7	3	3
15	0	2	1	5	0	2	2	2	7	3	2	3	2	2
16	3	2	0	0	7	5	7	2	6	1	2	0	3	3
17	2	0	0	0	3	0	2	0	5	2	4	2	2	2
18	5	0	0	2	2	2	2	0	2	4	0	3	2	2
19	3	2	0	2	0	0	2	2	0	2	2	0	1	1
20	1	0	2	2	2	2	0	0	3	3	2	0	1	1
21	2	3	2	2	3	0	2	3	0	3	2	4	2	2
22	13	5	2	5	5	5	7	3	4	3	2	5	5	5
23	3	4	3	0	4	4	2	5	7	2	3	3	3	3
24	4	4	0	0	4	3	0	7	2	7	2	7	4	4
25	3	5	0	2	2	1	2	0	2	0	2	0	2	2
26	0	3	0	3	0	2	3	0	2	0	3	2	2	2
27	0	3	1	2	2	3	0	2	0	3	5	9	3	3
28	7	2	3	4	7	7	3	***	7	3	7	7	5	5
29	4	4	8	8	10	2	2	2	7	12	9	9	6	6
30	7	5	5	3	2	5	3	3	0	2	3	3	3	3
31	5	5	0	0	3	0	3	0	2	5	6	5	3	3
MEAN	3	2	2	2	2	2	2	2	3	3	2	3	2.5	

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 1.6

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52018 1055 PRINCESS ST KINGSTON													MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	3	1	0	2	0	1	1	0	0	2	1	1	1
2	2	2	0	0	3	0	0	0	0	0	2	0	1	1
3	2	0	1	2	2	2	0	0	0	0	2	2	1	1
4	2	0	5	5	8	12	6	8	2	2	5	8	5	5
5	11	8	6	6	5	11	4	4	2	13	2	2	6	6
6	2	0	2	4	2	2	4	3	4	4	4	3	3	3
7	3	2	4	6	5	4	2	2	1	2	0	1	3	3
8	0	2	2	3	3	2	3	3	4	0	1	3	2	2
9	2	3	1	2	1	0	0	2	1	0	1	1	1	1
10	4	9	10	9	4	6	5	2	4	2	3	2	5	5
11	4	2	3	0	2	3	1	2	2	2	1	1	2	2
12	0	1	2	1	9	2	2	2	7	4	2	0	3	3
13	0	2	3	5	9	6	1	5	2	2	3	3	3	3
14	3	2	1	2	2	5	3	3	2	6	4	8	3	3
15	8	6	5	4	6	10	6	8	3	2	2	1	5	5
16	2	0	0	2	1	0	0	3	2	0	2	0	1	1
17	1	1	0	3	2	4	4	2	0	0	2	0	1	1
18	1	0	2	2	0	1	0	3	0	2	0	1	2	2
19	2	1	0	2	0	1	0	2	0	2	1	2	1	1
20	0	0	0	0	2	2	0	0	0	0	2	2	1	1
21	0	3	2	0	2	5	4	0	2	4	0	0	2	2
22	1	0	2	0	2	0	0	2	1	0	2	3	1	1
23	0	2	1	0	2	1	0	2	0	2	5	0	1	1
24	2	0	0	1	4	2	2	2	2	2	2	2	2	2
25	2	2	2	0	4	1	2	3	2	0	3	4	2	2
26	4	2	2	0	2	2	0	4	2	0	0	0	2	2
27	0	3	0	2	0	2	1	1	0	0	2	1	1	1
28	2	2	6	0	0	0	2	0	0	0	0	2	1	1
29	0	1	2	2	1	2	0	4	0	0	0	0	1	1
30	1	0	0	1	3	0	1	0	0	2	2	0	1	1
31	0	1	1	2	3	2	0	2	0	0	2	2	1	1
MEAN	2	2	2	2	3	3	2	2	1	2	2	2	2.1	2.1

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LEJS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52018 1055 PRINCESS ST KINGSTON													MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	1	2	0	3	0	0	2	1	0	0	2	1	1
2	1	2	0	0	3	0	0	2	1	0	0	2	1	1
3	0	1	1	0	1	0	1	0	3	0	0	2	1	1
4	2	1	0	0	2	2	0	0	2	5	0	0	1	1
5	2	2	2	2	1	0	0	1	2	3	2	1	1	1
6	0	1	0	2	0	2	2	0	3	2	2	1	1	1
7	3	1	0	0	1	2	1	2	2	1	2	3	1	1
8	3	2	3	4	2	2	2	3	3	2	0	2	1	1
9	2	3	1	6	3	3	3	0	2	2	2	1	2	2
10	5	2	5	7	5	4	4	***	5	5	3	5	3	3
11	2	2	1	2	2	2	4	2	3	3	2	3	2	2
12	0	1	1	0	0	2	1	2	2	2	2	1	1	1
13	2	4	0	2	2	1	0	1	3	2	1	0	2	2
14	1	0	1	1	3	1	1	0	2	3	2	0	1	1
15	2	0	0	2	0	0	1	1	1	1	2	2	1	1
16	2	2	1	0	1	2	0	2	3	2	0	0	1	1
17	1	3	1	1	5	0	2	***	2	1	2	0	2	2
18	1	2	4	0	2	0	1	2	1	0	1	2	1	1
19	2	1	1	0	2	0	2	1	2	1	0	3	1	1
20	0	2	0	2	2	2	0	0	1	1	0	1	1	1
21	1	0	1	2	0	0	0	2	1	2	0	2	1	1
22	2	1	0	2	2	2	2	2	3	1	1	2	2	2
23	0	1	1	0	1	0	0	0	2	0	2	2	1	1
24	2	2	0	0	2	1	***	2	2	2	0	2	1	1
25	0	1	2	0	0	2	2	3	0	2	0	0	1	1
26	3	0	2	1	1	0	0	0	3	3	1	1	1	1
27	2	0	1	2	1	1	1	1	2	1	0	2	1	1
28	3	1	0	0	1	1	1	1	2	0	0	0	1	1
MEAN	2	1	1	1	2	1	1	1	2	2	1	2	1.5	1.5

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LEJS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52018 1055 PRINCESS ST KINGSTON													MONTH - MAY 77	
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	2	3	2	0	3	0	2	1	1	5	2	2
2	3	2	2	4	1	3	0	0	2	2	2	0	2	2
3	2	2	0	0	0	0	0	0	1	0	0	2	1	1
4	5	3	3	2	1	0	3	***	-	-	-	-	*****	2
5	-	-	-	-	-	-	4	3	2	0	5	2	*****	2
6	1	2	0	2	0	2	2	3	0	2	2	0	1	1
7	4	0	0	3	0	2	0	0	2	1	0	2	1	1
8	2	2	2	1	0	3	0	2	2	0	0	2	1	1
9	2	2	0	2	0	2	2	0	2	1	3	0	1	1
10	0	2	0	1	1	0	1	0	2	2	2	2	1	1
11	2	0	1	0	1	0	0	0	0	0	2	1	1	1
12	2	0	3	2	3	1	2	***	2	7	3	0	2	2
13	0	0	1	1	0	2	2	1	0	0	0	0	1	1
14	2	3	0	0	3	0	0	0	0	0	0	2	1	1
15	2	0	2	0	0	0	3	0	2	2	0	2	1	1
16	2	0	0	2	2	2	2	2	3	0	1	2	2	2
17	0	2	7	5	4	0	5	5	3	1	2	3	3	3
18	2	5	1	1	2	2	1	0	1	2	0	3	2	2
19	0	4	0	2	2	2	***	1	3	1	1	3	2	2
20	1	3	3	3	2	2	4	1	3	3	1	1	2	2
21	3	4	3	5	3	3	3	5	3	0	3	1	3	3
22	1	3	1	3	1	1	3	1	1	1	3	1	2	2
23	1	1	2	1	1	1	1	0	3	1	3	3	2	2
24	3	3	3	3	4	1	3	3	3	3	4	3	3	3
25	1	1	1	3	1	1	1	1	3	1	1	1	1	1
26	3	1	0	0	3	3	1	1	0	1	1	3	1	1
27	3	3	1	0	0	3	1	3	1	1	1	1	2	2
28	5	3	5	0	3	3	1	0	1	1	0	2	2	2
29	3	0	3	0	0	1	0	1	3	1	0	0	1	1
30	3	3	1	5	0	0	3	0	1	0	1	3	2	2
31	1	4	1	5	5	0	1	1	0	4	1	1	2	2
MEAN	2	2	2	2	2	1	2	1	2	1	1	2	1.6	1.6

PERCENTAGE OF DATA VALID - 96.5

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 2.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52018 1055 PRINCESS ST KINGSTON													MONTH - JUN 77	
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	0	0	5	1	3	3	1	3	0	3	2	2
2	0	0	3	1	3	0	3	1	***	1	1	0	1	1
3	0	1	3	1	1	1	4	1	3	1	3	3	2	2
4	5	3	3	0	3	0	0	1	0	1	1	1	2	2
5	1	3	1	1	0	1	0	0	3	0	1	1	1	1
6	3	1	0	2	0	0	0	0	1	2	0	2	1	1
7	2	0	0	1	0	0	0	2	0	2	1	2	1	1
8	0	1	0	5	1	2	0	2	0	2	2	2	1	1
9	3	3	2	2	2	2	0	3	1	0	1	0	2	2
10	5	0	0	1	0	1	0	1	0	1	1	1	1	1
11	1	0	5	0	1	0	0	3	0	0	0	5	1	1
12	1	2	3	1	1	1	0	5	0	2	0	0	1	1
13	1	3	1	3	3	1	0	1	0	0	1	1	1	1
14	3	3	7	7	3	5	0	5	0	2	3	1	3	3
15	5	5	7	3	3	1	1	1	0	1	3	3	2	2
16	1	5	1	0	3	3	1	***	4	0	0	0	3	3
17	2	2	0	3	2	4	0	2	2	2	1	2	2	2
18	1	1	2	0	4	2	2	1	2	0	0	2	1	1
19	3	2	0	3	2	1	0	2	0	0	1	1	1	1
20	1	0	2	1	2	2	0	2	2	0	0	2	1	1
21	2	3	2	2	0	1	2	2	1	3	1	0	2	2
22	0	1	2	2	0	1	1	0	2	0	0	0	1	1
23	0	2	4	2	0	0	1	0	2	1	2	0	1	1
24	3	1	6	5	4	2	2	0	2	3	0	2	3	3
25	4	3	3	2	4	1	2	2	0	2	1	2	2	2
26	0	2	4	1	1	2	2	2	1	0	1	2	2	2
27	1	3	0	2	2	1	4	2	2	1	0	2	2	2
28	3	3	2	2	2	2	3	2	2	0	2	2	2	2
29	3	2	2	0	2	2	0	1	2	0	1	1	1	1
30	2	0	2	0	0	2	0	9	3	1	1	0	2	2
MEAN	2	2	2	2	2	1	1	2	1	1	1	1	1.6	1.6

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 5201B 1055 PRINCESS ST KINGSTON													MONTH - JUL 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	2	2	1	0	2	2	2	1	0	0	0	1	1
2	2	0	2	2	2	0	1	0	0	0	0	0	1	1
3	0	2	3	2	0	0	0	0	2	2	0	0	1	1
4	2	3	1	2	4	0	2	3	0	3	1	2	2	2
5	1	5	4	3	2	2	2	2	0	0	2	5	3	3
6	4	2	3	2	3	4	2	2	2	0	2	2	2	2
7	2	1	3	0	6	3	3	1	2	0	0	1	2	2
8	3	0	0	1	3	4	3	3	0	0	0	2	2	2
9	2	3	4	2	0	3	2	4	0	0	2	4	2	2
10	0	2	1	0	2	0	2	2	2	0	3	2	2	2
11	2	9	2	3	1	2	2	4	2	3	3	1	3	3
12	3	2	3	1	0	0	3	1	3	2	0	3	2	2
13	2	0	5	2	0	1	1	0	0	2	2	0	1	1
14	0	3	3	6	0	0	3	0	3	3	1	2	2	2
15	0	2	2	6	2	3	0	1	1	3	3	3	2	2
16	0	3	2	4	2	2	2	2	3	3	5	1	2	2
17	3	3	2	2	4	3	2	2	2	2	4	2	3	3
18	2	0	0	1	4	2	3	1	1	2	2	2	3	3
19	2	1	0	2	2	3	0	4	2	2	3	2	2	3
20	3	4	0	1	1	6	4	2	3	3	1	2	3	3
21	0	3	3	3	2	2	4	2	2	1	0	0	2	2
22	3	3	2	2	0	2	***	2	2	0	0	0	1	1
23	0	2	2	0	2	0	0	2	1	2	2	1	1	1
24	0	0	2	2	2	0	1	2	1	2	2	3	2	2
25	1	0	2	2	3	2	0	2	1	0	0	4	1	1
26	0	0	0	2	2	0	0	0	0	2	0	0	1	1
27	0	2	0	6	1	0	2	0	0	1	2	7	1	1
28	1	2	0	2	0	1	2	2	0	0	0	0	2	2
29	2	3	1	3	0	4	2	4	4	0	0	2	1	1
30	1	2	2	1	3	0	1	2	1	2	0	2	1	1
31	0	0	0	2	2	2	2	2	2	2	1	1	1	1
MEAN	1	2	2	2	2	2	2	2	1	2	2	2	1.8	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 5201B 1055 PRINCESS ST KINGSTON													MONTH - AUG 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	7	4	2	0	1	3	2	2	4	2	2
2	2	2	0	2	2	2	2	1	2	2	0	1	2	2
3	2	1	2	0	4	1	3	2	3	2	2	3	2	2
4	2	0	2	0	3	1	2	3	3	3	2	3	2	2
5	3	2	3	2	1	4	1	5	0	0	1	4	1	1
6	0	2	0	1	1	2	0	2	2	0	0	0	1	1
7	2	3	0	0	2	1	1	2	0	2	0	0	1	1
8	0	4	0	2	4	1	2	0	2	2	0	0	2	2
9	3	3	4	2	1	0	1	2	2	2	1	0	2	2
10	0	4	0	2	3	4	2	4	2	2	2	2	2	2
11	2	2	2	3	2	5	2	2	1	1	2	0	2	2
12	1	1	1	2	2	3	1	0	0	0	2	2	1	1
13	2	2	1	3	2	2	0	0	1	0	0	1	1	1
14	0	0	2	1	3	2	0	0	0	1	0	0	1	1
15							DATA UNAVAILABLE							
16							DATA UNAVAILABLE							
17							DATA UNAVAILABLE							
18	-	-	-	-	-	-	*****		0	3	0	0	*****	2
19	2	2	2	2	2	0	3	2	0	1	2	3	2	2
20	2	0	3	0	3	0	0	0	1	1	2	2	1	1
21	2	0	1	5	0	0	0	3	0	2	1	0	1	1
22	2	2	1	0	0	0	4	0	1	2	0	0	1	1
23	0	0	1	0	3	1	2	2	3	0	4	0	2	2
24	0	1	0	2	2	3	2	2	3	3	0	2	1	1
25	2	2	0	0	0	0	0	2	0	2	0	2	1	1
26	2	0	0	0	0	2	0	2	0	0	2	1	2	2
27	5	5	1	2	2	0	2	1	2	0	0	0	1	1
28	2	3	0	2	4	0	0	2	2	2	0	0	2	2
29	2	2	0	0	3	3	2	0	2	2	5	0	2	2
30	0	0	2	2	2	4	0	0	2	2	5	0	2	2
31	7	2	7	0	2	0	3	1	0	0	4	0	2	2
MEAN	2	2	1	2	2	2	1	2	1	1	1	1	1.5	

PERCENTAGE OF DATA VALID - 87.6

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 12.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52018 1055 PRINCESS ST KINGSTON													MONTH - SEP 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	4	5	2	6	2	2	5	0	3	2	3	2	3	1
2	2	0	0	2	4	2	4	0	1	2	0	0	1	1
3	0	2	2	0	0	0	2	0	2	0	0	3	1	1
4	0	3	0	0	0	3	0	2	0	3	2	5	2	2
5	0	0	3	0	0	0	0	1	0	2	0	2	1	1
6	2	0	0	4	2	0	0	0	4	0	2	5	2	2
7	0	0	0	0	2	0	0	0	0	0	4	7	2	2
8	0	0	3	0	4	2	0	0	3	1	0	3	1	1
9	4	3	1	6	4	2	6	1	2	1	2	2	3	3
10	0	4	0	0	1	1	4	0	0	2	2	0	1	1
11	3	1	0	1	0	0	2	2	2	0	0	2	1	1
12	2	2	0	1	3	2	2	0	2	2	2	2	2	2
13	3	2	1	0	2	1	4	1	2	3	0	2	2	2
14	2	2	0	2	2	0	0	2	0	0	2	4	1	1
15	1	2	0	2	0	2	3	2	5	0	2	0	2	2
16	3	2	2	2	3	2	2	0	2	0	0	2	2	2
17	4	2	5	0	3	1	4	2	2	1	1	1	2	2
18	3	0	3	1	3	2	2	2	0	2	0	1	2	2
19	0	3	2	3	1	0	6	2	5	2	1	5	3	3
20	0	5	0	3	3	0	2	2	3	0	0	2	2	2
21	3	2	0	2	0	0	2	2	0	2	0	1	1	1
22	5	3	2	4	2	2	2	***	0	2	0	2	2	2
23	3	3	2	4	0	3	3	0	2	3	0	3	2	2
24	0	3	3	7	3	2	2	0	3	2	0	2	2	2
25	0	2	1	0	3	0	1	2	0	5	0	2	1	1
26	0	0	2	1	3	2	2	2	4	0	0	4	2	2
27	2	2	0	3	0	0	0	0	0	2	2	1	1	1
28	0	1	3	0	0	7	0	2	0	0	2	2	1	1
29	1	0	0	0	0	2	0	0	0	0	2	2	1	1
30	2	0	3	2	1	2	2	2	0	4	4	2	2	2
MEAN	2	2	1	2	2	1	2	1	2	2	1	2	1.6	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52018 1055 PRINCESS ST KINGSTON													MONTH - OCT 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	2	3	2	1	0	1	0	2	0	2	1	1
2	0	2	0	2	0	3	0	1	1	0	0	0	1	1
3	0	1	0	3	0	2	2	0	0	1	1	3	1	1
4	0	0	2	2	0	0	2	0	0	0	2	2	1	1
5	0	3	0	0	2	3	2	2	1	4	0	4	2	2
6	2	2	4	0	0	1	1	2	1	2	3	2	2	2
7	1	0	2	0	4	0	1	0	2	0	2	2	1	1
8	5	3	2	6	2	1	2	2	1	0	0	2	2	2
9	2	1	1	1	2	0	0	2	2	0	2	0	1	1
10	1	0	2	2	0	0	1	0	2	0	4	2	1	1
11	0	5	3	1	3	2	0	0	0	2	0	2	2	2
12	0	5	0	3	1	2	0	2	2	0	2	0	2	2
13	0	2	1	2	0	1	4	2	0	0	5	2	2	2
14	5	5	3	4	0	2	1	4	3	3	3	3	3	3
15	2	4	3	1	3	1	0	2	2	0	4	0	2	2
16	2	2	1	4	1	1	1	0	2	0	0	0	1	1
17	1	0	2	0	0	0	0	0	1	0	0	1	0	0
18	2	0	3	2	8	2	2	2	3	4	3	5	3	3
19	9	7	3	0	3	6	1	5	3	3	1	0	3	3
20	5	1	4	2	0	2	0	2	2	3	1	4	2	2
21	2	2	2	0	3	3	2	2	0	2	7	2	2	2
22	0	3	4	6	6	7	2	0	0	0	0	0	2	2
23	4	0	0	0	2	0	1	0	0	0	3	2	1	1
24	5	4	4	7	2	4	0	1	0	2	2	6	3	3
25	5	4	8	0	2	2	0	5	5	4	1	6	4	4
26	0	2	3	2	3	0	3	5	3	1	0	3	2	2
27	3	3	3	3	4	3	5	1	3	6	1	3	3	3
28	3	0	2	2	2	0	2	0	3	2	2	2	2	2
29	0	2	1	0	5	0	0	3	2	0	1	2	1	1
30	2	2	2	2	1	0	1	0	1	1	0	3	1	1
31	2	7	2	3	2	0	0	0	2	3	2	2	2	2
MEAN	2	2	2	2	2	2	1	1	1	2	2	2	1.6	

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52018 1055 PRINCESS ST KINGSTON													MONTH - NOV 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	0	2	0	2	2	0	1	2	2	0	0	1	1
2	3	1	0	2	0	2	0	2	2	3	0	2	1	1
3	1	2	0	2	2	2	1	1	4	0	2	0	1	1
4	3	0	2	0	1	2	3	2	2	0	1	3	2	2
5	1	2	2	0	2	0	0	1	1	2	2	0	1	1
6	0	2	2	0	2	2	1	2	4	3	1	4	2	2
7	1	2	3	2	4	3	2	2	4	3	2	3	2	2
8	4	2	3	4	0	0	2	4	2	0	4	3	3	3
9	2	1	2	1	2	1	1	5	4	6	3	4	2	2
10	1	0	5	3	3	0	6	3	2	0	2	3	2	2
11	0	2	0	0	2	0	0	2	0	2	0	0	1	1
12	0	3	0	0	0	2	2	1	0	2	1	0	1	1
13	2	2	0	1	0	0	0	1	3	1	0	5	2	2
14	2	1	1	1	2	1	1	2	0	2	2	2	2	2
15	3	0	1	1	3	2	2	2	4	1	3	2	2	2
16	1	3	1	2	2	5	2	3	2	0	1	0	1	1
17	3	0	4	2	1	3	0	1	0	3	0	3	1	1
18	0	2	0	4	1	2	0	0	2	2	0	2	1	1
19	0	0	0	0	0	2	1	0	2	0	4	0	1	1
20	3	0	0	2	0	0	2	0	2	0	2	2	1	1
21	3	2	1	1	1	3	0	2	0	0	2	2	1	1
22	0	1	0	2	0	0	1	0	3	2	1	6	2	2
23	1	2	2	2	1	1	2	0	1	4	0	2	1	1
24	3	0	2	0	2	1	2	2	****	1	0	0	2	2
25	2	0	4	1	0	3	2	2	0	4	0	2	2	2
26	6	0	1	2	0	3	1	1	1	0	4	0	2	2
27	1	0	1	0	2	0	0	2	0	2	1	1	3	3
28	3	3	1	0	0	2	5	3	5	2	4	10	6	6
29	2	10	7	9	12	9	4	2	4	9	4	2	2	4
30	1	6	2	5	5	2	2	3	2	2	4	8	1.8	1.8
MEAN	2	2	2	2	2	2	2	2	2	2	2	3	1.8	1.8

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52018 1055 PRINCESS ST KINGSTON													MONTH - DEC 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	2	4	2	0	2	1	0	2	3	2	2	2	2
2	0	3	0	0	0	2	2	0	2	0	2	0	1	1
3	1	1	0	1	3	2	0	1	0	2	2	0	1	1
4	2	0	0	3	2	0	2	0	0	0	2	0	1	1
5	1	0	2	0	1	0	2	0	2	2	0	2	2	2
6	2	0	2	1	2	0	1	5	0	4	0	0	1	1
7	1	0	3	3	0	1	0	1	0	0	1	2	2	2
8	1	0	3	1	0	2	2	0	2	3	2	2	2	2
9	1	5	3	0	3	1	2	2	3	1	0	2	2	2
10	2	2	2	2	1	0	0	2	2	4	0	2	2	2
11	0	2	0	1	2	1	1	2	4	4	5	1	2	2
12	2	4	1	6	2	1	1	4	4	3	2	6	3	3
13	2	2	1	1	3	0	3	3	4	4	2	2	2	2
14	1	3	2	2	6	3	2	6	1	4	1	5	3	3
15	3	0	2	4	2	2	2	2	4	2	7	3	2	2
16	0	4	0	2	2	3	2	3	1	6	0	1	1	1
17	0	0	0	2	0	0	1	0	1	2	1	0	2	2
18	1	1	2	2	5	1	0	2	2	1	3	2	2	2
19	2	0	0	3	0	5	0	2	2	2	2	1	2	2
20	2	2	1	2	2	5	2	0	2	1	2	2	2	2
21	1	1	2	5	2	2	0	2	3	1	1	0	2	2
22	2	2	8	9	2	2	4	1	1	2	2	0	3	3
23	0	3	2	1	0	4	2	0	5	4	2	1	2	2
24	2	1	0	4	2	6	2	5	4	2	3	2	3	3
25	2	2	1	2	2	1	0	1	2	0	0	4	1	1
26	1	0	0	2	2	1	4	0	2	1	2	0	1	1
27	2	1	0	0	3	2	2	0	2	5	2	0	2	2
28	2	0	2	6	3	2	2	1	1	1	1	2	2	2
29	2	0	2	3	3	2	1	3	2	4	4	4	2	2
30	3	2	4	2	2	7	1	2	0	0	0	2	2	2
31	4	0	1	4	0	2	2	0	1	2	-	-	2	2
MEAN	2	1	2	2	2	2	2	2	2	2	2	2	1.8	1.8

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 52018 1055 PRINCESS ST KINGSTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.1	6	13
FEB	28	1.5	5	7
MAR	23	1.5	4	11
APR	23	1.9	3	8
MAY	29	1.6	3	7
JUN	30	1.6	3	9
JUL	31	1.8	3	9
AUG	27	1.5	2	7
SEP	30	1.6	3	7
OCT	31	1.8	4	9
NOV	30	1.8	6	12
DEC	31	1.8	3	9
YEAR	344	1.7	6	13

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 52018 1055 PRINCESS ST KINGSTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	331	37	4	0	0	0	0	372
FEB	323	10	0	0	0	0	0	333
MAR	271	8	1	0	0	0	0	280
APR	254	24	0	0	0	0	0	278
MAY	343	16	0	0	0	0	0	359
JUN	340	18	0	0	0	0	0	358
JUL	357	14	0	0	0	0	0	371
AUG	316	10	0	0	0	0	0	326
SEP	341	18	0	0	0	0	0	359
OCT	341	31	0	0	0	0	0	372
NOV	337	21	1	0	0	0	0	359
DEC	348	22	0	0	0	0	0	370
YEAR	3902	229	6	0	0	0	0	4137

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
94.5	0	0.0	0.0	1.2	1.8	3.1	4.2	5.5	6.7	13	1.7

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON													MONTH - JAN 77
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	2	2	0	2	0	0	0	2	0	0	1
2	0	1	0	2	0	0	0	0	0	2	1	1	1
3	2	0	1	0	3	1	2	0	0	0	2	0	1
4	0	0	0	0	2	0	2	0	0	2	0	2	1
5	2	0	0	0	0	2	0	0	0	0	1	1	1
6	0	2	2	0	2	0	2	0	0	1	1	0	1
7	4	0	0	2	2	1	1	0	2	0	0	2	1
8	0	0	0	1	0	1	0	0	0	1	1	0	0
9	0	0	1	0	1	2	0	0	0	0	0	2	1
10	0	2	0	0	0	2	0	0	0	0	0	2	1
11	0	0	0	2	0	0	2	0	1	0	2	0	1
12	0	2	0	2	0	0	2	0	2	1	2	2	1
13	0	1	2	1	2	2	2	0	2	2	1	2	1
14	1	0	0	0	2	2	0	0	1	0	0	0	1
15	0	0	0	2	2	2	0	0	0	0	1	1	1
16	0	0	0	1	0	0	0	1	0	0	1	1	0
17	2	0	1	1	0	0	0	0	0	0	0	2	1
18	1	0	1	1	0	2	0	0	0	0	2	0	1
19	2	2	1	1	2	1	1	1	0	0	0	2	1
20	0	1	0	0	1	0	2	0	2	0	0	2	1
21	0	0	0	1	0	0	0	2	0	0	0	0	0
22	1	0	0	1	0	1	2	1	0	0	2	0	1
23	2	2	0	0	0	1	0	1	1	0	0	1	1
24	2	0	0	1	0	0	2	2	0	2	0	0	1
25	0	1	0	2	0	1	0	0	1	0	0	0	1
26	0	1	2	1	0	0	0	0	2	0	2	1	1
27	0	3	0	0	0	0	2	0	0	2	2	0	0
28	0	0	2	0	0	0	0	2	2	0	1	1	1
29	2	2	1	0	2	0	0	0	0	0	1	1	1
30	0	2	2	1	0	0	0	0	0	0	2	1	1
31	0	0	0	0	1	0	0	3	0	2	2	1	1
MEAN	1	1	1	1	1	1	1	1	0	1	1	1	0.7

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON													MONTH - FEB 77
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	0	1	0	1	1	0	0	0	0	0
2	1	0	2	4	1	0	1	1	0	0	2	1	1
3	2	1	0	1	0	2	3	1	0	0	0	2	1
4	1	0	2	2	0	0	0	0	0	2	1	2	1
5	1	0	2	0	3	0	2	0	1	0	2	0	1
6	0	0	0	1	0	2	0	0	1	0	2	0	1
7	3	1	0	0	0	2	0	0	0	2	0	1	1
8	2	0	4	0	0	0	0	0	0	1	0	0	1
9	2	0	0	0	0	2	0	0	0	0	2	0	1
10	2	0	0	2	0	1	0	0	0	0	0	0	0
11	1	1	1	0	1	0	1	1	1	3	0	1	1
12	1	1	0	0	1	****	-	-	-	-	-	-	*****
13	-	-	-	-	-	-	-	-	-	-	-	-	*****
14	-	-	-	-	-	-	-	-	-	-	-	-	*****
15	1	0	0	1	0	0	1	1	1	2	3	0	1
16	2	1	2	0	1	0	0	0	0	1	2	0	1
17	0	1	0	2	0	2	2	0	1	0	0	1	1
18	0	1	2	0	2	0	2	0	1	0	2	0	1
19	0	0	0	1	0	0	0	0	1	2	2	1	1
20	1	2	0	2	1	0	1	0	0	2	0	0	1
21	2	0	0	0	0	0	0	2	4	0	1	2	1
22	0	0	2	0	2	0	2	0	3	0	0	0	1
23	3	2	0	0	1	0	0	2	3	0	0	1	1
24	0	2	0	0	1	0	1	0	1	2	2	2	1
25	0	3	1	****	****	****	****	1	1	2	2	2	2
26	3	3	1	0	0	0	3	3	0	2	1	2	2
27	2	1	2	1	0	2	0	2	1	1	0	0	1
28	0	1	0	1	0	2	1	1	2	1	0	2	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 90.2 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 9.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON													MONTH - MAR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	0	0	4	4	0	3	0	3	0	1	2	
2	0	1	0	0	1	***	0	1	0	2	2	0	1	
3	2	0	4	1	1	2	2	0	1	0	0	1	1	
4	1	2	2	0	2	0	0	2	1	0	2	0	1	
5	2	0	0	4	0	1	0	1	0	1	2	3	1	
6	0	0	0	1	0	0	0	2	0	2	1	0	1	
7	0	2	0	0	0	0	2	0	0	1	1	1	1	
8	1	1	2	2	0	0	2	2	2	1	0	0	1	
9	0	1	2	1	2	0	0	0	0	2	0	1	1	
10	2	0	0	2	0	1	0	0	0	0	2	2	1	
11	2	1	1	1	1	2	0	1	1	0	2	2	1	
12	2	2	0	0	0	1	0	0	0	0	2	1	1	
13	1	0	0	1	2	1	1	0	2	0	0	0	1	
14	0	2	0	0	0	3	2	0	1	0	0	0	1	
15	0	0	3	1	0	2	3	0	1	0	0	2	1	
16	1	3	2	0	2	0	0	0	2	2	0	0	1	
17	0	3	1	0	1	0	2	0	0	0	1	2	1	
18	1	2	0	2	0	2	0	2	2	2	1	0	1	
19	0	0	1	0	2	1	0	1	0	2	0	0	1	
20	2	0	2	1	1	2	0	2	2	2	0	2	1	
21	0	1	0	0	0	0	2	0	0	0	2	2	1	
22	2	0	2	1	2	0	0	0	0	0	3	0	1	
23	0	1	1	2	0	0	0	0	2	1	0	2	1	
24	2	0	0	0	0	0	0	1	0	0	2	0	0	
25	0	0	0	2	2	2	2	2	0	0	2	1	1	
26	2	3	1	1	0	0	0	2	0	0	2	2	1	
27	0	0	2	0	0	0	0	1	3	0	1	0	1	
28	1	0	2	1	0	***	-	-	-	-	-	-	*****	
29							-	-	-	-	-	-		
30							-	-	-	-	-	-		
31							-	-	-	-	-	-		
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.9	

PERCENTAGE OF DATA VALID - 88.2 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 11.3

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON													MONTH - APR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1							-	-	-	-	-	-		
2							-	-	-	-	-	-		
3							-	-	-	-	-	-		
4							-	-	-	-	-	-		
5							-	-	-	-	-	-		
6							-	-	-	-	-	-		
7	-	-	-	-	2	1	2	2	0	2	0	1	1	
8	3	0	0	1	1	0	2	1	0	1	2	2	1	
9	0	1	1	2	0	2	0	0	0	2	2	2	1	
10	0	0	0	0	0	1	2	0	0	2	0	1	1	
11	2	0	0	3	2	0	0	1	1	1	0	0	1	
12	2	0	0	0	2	***	0	3	2	2	0	2	1	
13	0	0	4	0	2	3	0	0	0	0	0	0	1	
14	5	2	0	2	0	0	0	2	0	1	2	0	1	
15	2	2	0	0	0	3	0	1	2	0	0	0	1	
16	2	2	0	0	0	0	2	1	2	3	0	1	1	
17	2	2	1	0	0	2	0	2	2	2	0	2	1	
18	0	2	0	0	0	0	1	3	2	0	2	2	1	
19	0	0	1	2	0	2	2	0	1	2	2	0	1	
20	2	2	0	0	0	2	3	0	0	0	0	0	1	
21	0	2	2	0	2	0	0	4	2	0	0	0	1	
22	0	1	0	0	0	0	1	2	0	2	0	4	1	
23	0	0	0	0	0	0	0	3	2	0	2	0	1	
24	0	0	2	2	0	2	0	1	0	0	0	0	1	
25	0	2	0	1	2	0	3	0	0	2	0	0	1	
26	0	0	2	1	0	1	2	0	2	3	1	3	1	
27	1	0	0	1	1	0	0	2	1	0	3	0	1	
28	2	1	2	0	0	1	2	1	0	2	0	0	1	
29	0	3	2	1	2	0	2	0	1	1	1	0	1	
30	2	0	0	1	2	0	1	1	2	0	0	1	1	
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.9	

PERCENTAGE OF DATA VALID - 78.6 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 21.1

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON														MONTH - MAY 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	1	2	0	2	0	0	0	0	0	3	2	1		
2	0	2	0	3	0	1	0	2	3	0	2	1	1		
3	2	0	2	1	2	0	0	***	0	1	0	0	1		
4	0	0	0	2	2	2	2	2	4	0	0	0	1		
5	3	2	4	1	0	1	0	0	2	2	0	0	1		
6	0	2	0	0	2	0	0	2	0	2	0	0	1		
7	0	2	1	0	0	1	0	2	0	2	0	0	1		
8	0	1	2	0	2	1	2	2	0	2	0	2	1		
9	0	0	0	0	2	2	2	2	0	0	2	1	1		
10	1	0	0	0	2	1	2	0	2	2	2	2	1		
11	0	2	0	2	1	0	2	0	0	0	0	0	1		
12	0	3	0	2	0	0	1	1	1	1	0	1	1		
13	2	1	1	0	2	0	0	3	4	0	1	1	1		
14	0	0	2	0	1	1	0	1	2	0	2	0	1		
15	2	0	2	2	0	2	0	2	0	2	0	2	1		
16	2	2	1	2	0	0	0	2	2	2	0	2	1		
17	0	2	0	0	0	1	2	2	0	2	0	1	1		
18	0	2	0	1	2	1	0	0	0	0	2	0	1		
19	2	0	0	3	0	0	0	3	2	1	2	3	1		
20	1	2	3	0	0	0	1	0	0	2	1	2	1		
21	0	0	1	0	0	1	0	1	0	4	0	2	1		
22	2	0	2	0	0	3	0	0	2	1	2	2	1		
23	0	1	0	1	0	2	0	0	0	2	2	5	0		
24	0	0	2	1	0	0	2	0	0	0	0	0	1		
25	0	0	0	0	2	****	0	1	0	0	1	5	0		
26	0	1	0	0	0	1	1	0	0	0	0	1	1		
27	1	0	1	1	0	1	1	2	3	0	0	1	1		
28	1	0	0	3	0	1	1	0	0	0	0	0	1		
29	1	1	0	2	0	0	0	0	0	3	0	3	1		
30	0	0	1	1	3	0	0	1	0	0	0	3	1		
31	0	1	1	0	1	0	3	1	1	1	0	3	1		
MEAN	1	1	1	1	1	1	1	1	1	1	1	2	0.9		

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON														MONTH - JUN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	0	1	1	0	1	0	3	0	0	1	0	1		
2	3	3	0	0	3	3	1	1	1	0	0	1	1		
3	2	3	1	0	3	1	1	0	0	3	1	1	1		
4	0	2	0	3	0	1	1	3	0	0	3	1	1		
5	0	1	1	1	0	1	1	1	0	0	0	3	1		
6	0	3	0	1	0	0	0	1	0	2	1	0	1		
7	1	3	0	1	0	1	1	3	0	1	3	0	1		
8	0	0	0	2	1	0	1	0	1	2	1	0	1		
9	0	1	1	0	1	1	0	0	0	1	1	0	1		
10	1	1	1	1	0	0	0	0	0	3	0	1	1		
11	0	1	0	1	0	1	2	1	0	1	0	0	1		
12	1	3	0	2	0	0	2	0	4	0	0	0	1		
13	0	1	1	1	0	1	0	1	3	1	0	1	1		
14	0	0	1	0	1	3	1	0	0	1	3	0	1		
15	1	1	0	0	1	0	1	1	1	0	1	0	1		
16	0	1	0	0	1	1	0	5	5	0	1	0	1		
17	0	3	0	1	0	0	1	6	5	1	1	3	2		
18	0	1	1	0	1	1	0	0	0	1	0	1	1		
19	0	1	1	1	1	0	1	0	1	0	1	0	1		
20	1	1	0	1	3	0	1	3	0	1	0	0	1		
21	1	1	1	1	0	****	0	2	0	1	0	0	1		
22	0	0	0	0	0	0	1	0	1	3	0	1	1		
23	0	3	0	0	0	3	0	1	0	1	0	0	1		
24	0	1	1	0	0	0	0	3	1	0	0	1	1		
25	0	1	0	1	1	0	1	3	0	0	0	0	1		
26	2	0	1	0	0	1	0	3	1	0	1	0	1		
27	0	1	0	0	0	1	0	1	1	0	0	1	1		
28	1	0	1	1	1	1	0	0	1	0	1	0	1		
29	0	0	1	1	1	1	3	1	0	3	1	0	1		
30	1	1	3	0	3	0	0	1	0	0	1	0	1		
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.8		

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON														MONTH - JUL 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	1	0	1	0	0	0	0	0	5	0	1	0	1		
2	0	1	0	0	1	0	0	3	0	3	0	0	1		
3	1	1	0	0	0	1	1	0	0	3	0	1	1		
4	0	3	0	1	0	0	1	0	0	0	0	0	1		
5	2	1	0	0	***	***	0	0	5	0	0	1	1		
6	0	0	0	1	1	0	0	3	1	1	0	1	1		
7	0	3	0	***	0	0	2	0	0	1	2	2	1		
8	0	1	5	1	0	0	0	2	1	0	0	0	1		
9	2	1	1	0	1	0	3	2	1	0	2	0	1		
10	3	0	0	0	0	0	0	2	1	2	1	1	1		
11	3	0	0	1	2	0	1	0	0	3	0	3	1		
12	0	0	0	2	1	0	2	0	1	1	3	0	1		
13	2	0	2	1	0	0	2	0	0	1	3	1	1		
14	3	1	0	0	0	2	1	1	0	0	2	1	1		
15	0	2	0	1	2	0	0	0	0	1	2	0	1		
16	0	0	0	2	3	1	0	2	0	0	1	0	1		
17	3	2	1	1	0	2	0	1	0	1	0	2	1		
18	3	0	0	0	0	2	2	0	0	0	2	2	1		
19	0	1	0	***	***	***	***	***	***	***	***	***	1		
20														- DATA INVALID -	
21														- DATA INVALID -	
22														- DATA INVALID -	
23														- DATA UNAVAILABLE -	
24														- DATA UNAVAILABLE -	
25	-	-	-	-	-	-	-	0	0	2	2	2	*****		
26	2	1	0	0	0	0	2	2	0	2	1	2	1		
27	0	0	2	0	0	0	1	1	2	2	0	0	1		
28	0	3	0	0	1	0	3	2	0	3	0	0	1		
29	0	1	0	2	***	0	2	2	2	2	1	0	1		
30	0	2	0	0	2	0	0	0	0	1	1	2	1		
31	0	0	0	0	1	0	0	0	2	0	0	0	0		
MEAN	1	1	0	1	1	0	1	1	1	1	1	1	0.8		

PERCENTAGE OF DATA VALID - 78.2

PERCENTAGE OF DATA INVALID - 22.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -*- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON														MONTH - AUG 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	1	0	2	0	0	0	0	0	0	1	0	3	1		
2	0	1	0	0	1	3	3	0	2	0	2	0	1		
3	2	0	2	0	0	2	0	4	1	0	0	0	1		
4	2	0	2	0	0	0	0	0	2	0	2	3	1		
5	0	1	2	0	0	0	0	1	1	3	2	1	1		
6	0	1	0	2	0	1	0	1	0	2	2	1	1		
7	1	0	2	1	0	0	0	2	0	0	2	2	1		
8	0	0	1	0	0	0	0	1	0	2	1	2	1		
9	0	0	0	2	2	0	1	0	0	0	0	0	0		
10	0	1	2	1	2	0	0	0	0	1	0	0	1		
11	2	1	2	0	1	0	2	0	2	2	2	0	1		
12	2	0	0	1	0	2	1	2	0	3	2	0	1		
13	0	1	2	0	0	1	2	1	0	0	0	0	1		
14	0	2	0	0	2	0	2	2	2	2	2	1	1		
15	0	0	0	0	2	0	1	2	0	0	2	0	1		
16	2	0	1	2	0	0	2	0	0	0	2	0	1		
17	2	0	0	2	0	1	0	2	0	1	0	2	1		
18	0	2	0	2	1	0	0	2	0	0	0	0	1		
19	1	0	0	0	0	2	0	2	2	0	2	0	1		
20	1	0	0	0	0	0	2	0	1	0	0	2	1		
21	0	0	0	2	1	1	1	1	1	2	0	0	1		
22	2	1	0	2	1	0	0	2	0	0	1	0	1		
23	2	0	3	0	1	0	1	2	2	0	1	0	1		
24	2	0	0	0	1	0	1	0	0	0	2	1	1		
25	1	0	0	2	2	0	1	0	2	0	0	0	1		
26	2	1	1	1	4	0	0	3	2	0	1	2	1		
27	0	2	1	0	0	0	2	0	5	0	0	2	1		
28	0	2	0	2	0	1	1	0	0	0	0	2	1		
29	0	0	2	0	2	0	0	0	1	1	1	1	1		
30	0	1	2	0	0	0	1	1	0	0	0	0	0		
31	0	2	0	2	2	2	0	2	0	2	0	2	1		
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.8		

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -*- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON													MONTH - NOV 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1														
2														
3														
4														
5														
6														
7														
8														
9														
10	****	****	****	****	****	****	****	****	0	0	4	2	*****	
11	0	0	0	0	0	2	0	2	0	2	0	2	1	
12	0	3	0	0	2	0	0	0	0	0	3	0	1	
13	0	0	2	0	3	0	1	1	0	0	3	2	1	
14	0	3	1	0	1	0	0	1	0	0	3	2	1	
15	1	3	0	2	0	2	1	0	0	0	1	0	1	
16	0	2	0	2	3	0	3	2	0	3	0	2	1	
17	1	0	2	0	3	3	0	2	0	2	0	0	1	
18	2	0	0	3	0	0	0	0	0	3	2	0	1	
19	0	0	0	0	1	2	0	2	2	0	2	0	1	
20	0	2	0	0	2	3	0	0	1	2	0	2	1	
21	0	0	0	3	0	0	2	2	2	0	2	0	1	
22	0	2	0	2	1	0	2	***	1	2	0	0	1	
23	1	0	2	0	1	1	0	0	0	0	2	3	1	
24	2	0	1	0	2	0	0	0	0	2	0	2	1	
25	0	3	0	1	0	2	5	1	0	0	2	0	1	
26	4	0	1	1	0	2	0	0	2	0	0	0	1	
27	2	0	0	0	0	0	0	0	3	0	2	0	1	
28	0	0	0	3	3	0	1	0	2	1	0	7	1	
29	8	8	5	11	17	3	5	1	7	6	4	0	6	
30	1	2	5	2	7	2	0	2	0	3	1	2	2	
MEAN	1	1	1	2	2	1	1	1	1	1	1	1	1.3	

PERCENTAGE OF DATA VALID - 67.5 PERCENTAGE OF DATA INVALID - 32.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON													MONTH - DEC 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	1	2	0	4	0	3	0	0	1	0	2	1	
2	0	0	0	2	****	****	****	****	3	2	2	2	1	
3	0	2	0	0	0	4	1	1	0	2	1	2	1	
4	2	3	0	2	2	0	0	0	1	1	2	0	1	
5	0	1	0	2	0	1	0	1	1	1	0	2	1	
6	0	2	0	0	0	0	2	0	0	0	0	0	0	
7	0	1	2	0	0	2	0	2	2	0	0	0	1	
8	2	0	1	0	1	0	1	0	0	1	0	1	1	
9	0	0	0	0	2	0	0	0	0	0	2	0	0	
10	0	1	2	0	0	2	0	0	0	0	0	0	0	
11	0	1	0	2	0	0	1	1	0	0	1	7	1	
12	1	4	5	2	4	1	1	1	5	2	1	1	2	
13	1	2	0	3	2	0	****	3	2	3	4	2	1	
14	4	2	0	3	2	0	3	6	0	3	1	1	2	
15	0	2	1	3	3	4	0	2	2	1	2	3	2	
16	4	2	3	1	2	2	2	2	4	1	2	2	2	
17	2	2	1	0	2	1	2	4	2	0	2	1	2	
18	1	0	0	0	2	2	2	1	3	2	2	0	1	
19	2	2	2	2	2	0	2	2	1	2	2	1	2	
20	2	4	2	1	2	3	2	0	3	1	0	0	2	
21	0	1	1	2	2	1	2	2	2	2	4	0	2	
22	1	1	1	0	3	1	2	1	2	0	0	0	1	
23	0	0	2	2	0	2	1	2	2	2	0	1	1	
24	4	0	4	1	1	2	2	3	2	5	1	2	2	
25	2	0	1	0	2	0	3	1	1	2	2	3	1	
26	2	1	2	0	1	0	0	0	1	1	0	0	1	
27	5	2	2	4	3	0	0	2	3	9	4	8	4	
28	3	0	6	13	9	0	0	1	2	2	1	2	3	
29	2	2	2	2	2	2	0	2	1	5	8	2	3	
30	2	2	2	0	0	4	4	3	2	0	2	3	2	
31	5	3	3	2	3	2	2	3	2	0	3	0	2	
MEAN	2	1	2	2	2	1	1	2	2	2	2	2	1.5	

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	0.7	1	4
FEB	25	0.8	2	4
MAR	27	0.9	2	4
APR	24	0.9	1	5
MAY	31	0.9	1	5
JUN	30	0.8	2	6
JUL	24	0.8	1	5
AUG	31	0.8	1	5
SEP	30	0.9	2	5
OCT	30	0.9	1	5
NOV	20	1.3	6	17
DEC	31	1.5	4	13
YEAR	334	0.9	6	17

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	372	0	0	0	0	0	0	372
FEB	303	0	0	0	0	0	0	303
MAR	328	0	0	0	0	0	0	328
APR	282	1	0	0	0	0	0	283
MAY	368	2	0	0	0	0	0	370
JUN	355	4	0	0	0	0	0	359
JUL	288	3	0	0	0	0	0	291
AUG	371	1	0	0	0	0	0	372
SEP	356	1	0	0	0	0	0	357
OCT	360	2	0	0	0	0	0	362
NOV	231	10	1	1	0	0	0	243
DEC	353	13	1	0	0	0	0	367
YEAR	3967	37	2	1	0	0	0	4007

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
91.5	0	0.0	0.0	0.0	1.0	1.9	2.5	3.1	4.0	17	0.9

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL													MONTH - MAR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	2	1	2	0	0	0	0	0	0	0	1	
2	2	1	2	2	1	1	0	0	0	0	1	0	1	
3	3	1	2	2	0	0	3	0	2	2	2	1	2	
4	0	0	0	0	0	0	0	0	1	2	1	0	0	
5	2	3	0	2	0	2	0	0	0	1	0	0	1	
6	0	1	1	0	0	0	0	0	0	0	0	0	0	
7	0	2	2	4	2	3	0	0	1	2	0	1	1	
8	0	0	0	0	1	0	0	1	0	0	1	2	0	
9	3	2	2	2	3	2	2	0	2	2	0	2	2	
10	4	0	0	0	0	0	0	0	2	2	3	2	1	
11	0	0	4	5	4	3	4	3	5	3	3	5	4	
12	9	3	3	5	2	3	2	0	3	3	6	6	4	
13	3	3	0	0	1	0	0	0	0	2	0	1	1	
14	0	2	1	0	0	1	2	0	0	1	1	0	1	
15	0	0	0	0	1	0	0	1	0	2	0	0	0	
16	3	2	1	4	2	0	1	0	0	1	1	2	1	
17	1	4	0	0	0	2	***	-	-	-	-	-	*****	
18	-	-	-	-	2	2	3	2	2	2	0	1	2	
19	2	0	0	2	0	2	1	2	1	2	0	1	1	
20	1	2	3	2	0	2	0	4	0	0	2	2	2	
21	0	0	0	2	1	2	5	3	0	2	2	1	2	
22	4	2	2	0	0	0	4	1	3	2	2	0	2	
23	2	2	2	2	0	2	0	2	2	1	3	0	2	
24	2	2	0	0	1	2	0	3	2	0	2	4	2	
25	2	0	2	0	1	0	0	0	1	0	0	2	1	
26	0	1	2	0	2	0	4	2	0	0	0	0	1	
27	2	1	0	0	0	0	0	2	0	3	2	0	1	
28	3	0	4	3	2	3	3	2	1	2	0	3	2	
29	3	2	2	0	2	1	5	3	2	3	7	3	3	
30	2	3	0	3	1	0	0	1	0	1	1	4	1	
31	5	2	2	2	2	1	2	2	0	0	0	2	2	
MEAN	2	1	1	2	1	1	1	1	1	1	1	2	1.3	

PERCENTAGE OF DATA VALID - 97.3

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL													MONTH - APR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	0	0	7	0	0	0	0	0	0	0	0	1	
2	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	0	1	0	0	0	1	1	0	0	0	1	0	0	
4	0	3	0	1	0	0	1	0	0	0	0	0	0	
5	0	0	0	0	0	2	0	2	0	1	0	0	1	
6	0	0	***	2	3	2	10	1	3	3	3	0	3	
7	4	0	2	2	0	0	0	0	2	2	0	2	1	
8	7	2	0	2	0	5	5	7	6	2	0	2	3	
9	0	0	2	4	2	3	3	5	6	2	6	3	3	
10	0	0	0	3	5	3	3	5	6	2	6	3	3	
11	1	4	0	0	2	4	2	2	2	3	2	3	2	
12	0	2	0	2	7	9	3	6	9	3	2	6	4	
13	0	2	2	2	0	0	0	0	0	0	2	0	1	
14	2	1	3	0	2	3	3	0	2	0	2	2	1	
15	0	0	3	0	2	2	0	2	5	1	0	0	2	
16	0	0	0	5	2	2	7	3	3	2	2	0	2	
17	0	0	2	2	2	2	7	5	7	2	3	3	3	
18	0	2	2	0	0	3	2	3	7	5	3	3	3	
19	2	5	5	2	3	0	3	2	5	5	3	2	3	
20	2	2	3	5	3	4	3	2	5	5	3	2	3	
21	3	3	5	2	***	-	-	-	-	-	-	-	*****	
22	3	2	0	3	0	5	3	1	5	3	3	1	2	
23	3	0	0	0	3	1	0	3	0	1	1	1	1	
24	5	0	3	0	1	0	3	3	0	0	0	0	2	
25	1	5	4	2	1	1	0	3	1	5	3	0	2	
26	3	2	7	2	1	5	0	0	0	2	1	3	2	
27	0	0	2	3	1	0	5	0	3	2	5	7	2	
28	5	0	0	0	2	1	5	0	0	0	1	1	1	
29	3	1	0	2	1	0	0	3	5	0	0	0	1	
30	1	4	3	0	3	0	3	0	3	3	1	3	2	
MEAN	2	2	2	2	2	2	2	2	3	2	2	2	1.8	

PERCENTAGE OF DATA VALID - 97.2

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL													MONTH - JUL 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	0	3	1	1	5	0	1	0	0	0	1	1	1
2	0	0	0	0	0	4	0	1	0	1	1	0	1	1
3	0	1	1	0	0	1	0	3	1	1	0	0	1	1
4	0	5	1	0	1	1	5	0	1	1	1	0	1	1
5	1	5	1	3	0	0	1	3	3	3	0	3	2	2
6	0	1	3	2	0	0	1	0	1	1	0	3	1	1
7	3	9	7	1	0	0	0	0	5	1	1	0	2	2
8	3	5	7	7	1	0	1	3	3	0	3	0	3	3
9	5	1	0	2	3	0	0	0	1	3	1	0	1	1
10	1	0	1	0	1	0	0	1	0	3	0	1	1	1
11	1	0	9	3	5	0	1	1	1	5	3	6	3	3
12	3	1	2	1	***	3	0	3	0	3	8	3	2	2
13	2	0	2	0	3	2	4	2	0	2	2	2	2	2
14	2	2	3	0	0	2	5	2	3	0	0	0	2	2
15	5	0	2	2	1	0	5	0	1	1	0	3	2	2
16	0	2	3	2	2	3	2	2	4	2	1	2	2	2
17	3	2	2	2	2	0	2	0	1	0	2	3	2	2
18	0	2	2	3	3	0	0	0	0	3	3	3	2	2
19	0	2	2	3	4	0	1	1	2	5	0	0	2	2
20	3	0	2	0	5	5	0	0	2	5	2	6	3	3
21	0	3	1	2	0	2	4	2	0	2	4	0	2	2
22	2	0	2	0	0	3	2	2	***	1	2	7	2	2
23	2	2	2	0	3	4	2	0	0	2	2	1	2	2
24	2	3	0	0	2	2	4	3	0	2	0	2	2	2
25	1	4	4	0	1	3	0	4	2	0	0	2	2	2
26	0	0	0	4	2	0	0	2	0	1	2	0	1	1
27	0	0	1	2	4	0	0	0	2	2	3	0	1	1
28	0	2	0	2	2	0	2	0	0	1	4	2	1	1
29	2	9	0	0	5	0	4	0	2	2	4	2	3	3
30	2	1	0	0	0	3	2	2	0	0	1	1	1	1
31	2	0	2	1	3	3	2	5	2	2	2	0	2	2
MEAN	1	2	2	1	2	1	2	2	1	2	2	2	1.7	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-*" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL													MONTH - AUG 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	2	3	2	0	0	0	0	2	1	0	0	1	1
2	2	1	3	3	0	1	0	0	1	0	2	2	1	1
3	2	1	2	2	2	2	2	0	1	3	1	4	2	2
4	3	0	4	2	3	3	2	4	0	3	4	1	2	2
5	4	0	3	1	0	2	1	4	3	0	0	2	2	2
6	0	3	0	4	0	2	1	5	3	0	3	2	2	2
7	0	2	0	1	1	1	0	1	4	3	2	2	1	1
8	0	3	1	2	6	0	0	1	1	1	4	4	2	2
9	0	1	1	2	2	1	0	2	0	1	3	2	1	1
10	3	0	2	1	2	2	1	0	0	3	2	6	2	2
11	0	3	0	3	2	1	2	2	4	2	4	1	2	2
12	2	4	2	2	0	0	1	0	2	0	2	0	1	1
13	0	1	2	4	1	2	0	0	2	3	3	2	2	2
14	2	0	1	3	4	2	1	0	2	2	2	1	2	2
15	2	0	0	1	0	2	2	1	0	1	3	2	1	1
16	2	0	0	2	3	2	3	0	0	0	0	2	2	2
17	3	3	3	2	2	0	2	2	0	1	0	2	2	2
18	0	0	1	0	2	0	0	0	0	2	2	0	1	1
19	0	2	1	0	0	2	***	0	2	0	4	0	1	1
20	3	0	1	0	2	0	2	2	0	2	2	2	1	1
21	3	0	0	0	0	2	2	2	0	0	2	2	1	1
22	4	2	2	2	0	0	2	3	1	2	0	1	2	2
23	3	3	2	2	0	0	0	2	4	2	0	0	2	2
24	4	0	2	6	0	1	0	2	0	0	2	0	1	1
25	0	0	3	2	0	2	0	0	2	2	0	2	1	1
26	0	2	0	2	2	2	2	0	0	5	1	5	2	2
27	2	5	1	3	1	5	2	1	2	2	0	3	2	2
28	4	5	1	2	0	0	3	0	0	0	0	2	1	1
29	1	2	6	0	2	2	0	2	0	2	0	3	2	2
30	0	0	0	3	1	1	0	0	0	6	0	3	1	1
31	2	1	3	2	2	0	7	0	1	0	1	6	2	2
MEAN	2	2	1	2	1	1	1	1	1	2	2	2	1.5	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-*" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL													MONTH - SEP 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	8	2	5	0	3	4	0	4	0	3	0	2	3	
2	0	3	2	2	2	0	2	0	3	0	2	0	1	
3	0	0	0	1	3	2	0	0	0	0	2	0	1	
4	6	2	0	4	0	2	2	0	0	0	1	2	2	
5	0	2	0	2	2	2	8	2	0	0	3	4	2	
6	0	3	2	0	4	0	2	0	0	3	0	2	2	
7	3	8	0	10	***	5	0	3	0	4	0	2	3	
8	2	0	5	2	4	1	1	0	2	0	0	3	2	
9	2	4	4	2	5	3	1	3	2	7	2	5	3	
10	5	3	5	0	0	2	3	1	0	0	2	2	2	
11	2	0	1	1	0	3	0	0	0	2	0	2	1	
12	0	2	2	1	1	2	1	0	0	2	2	2	1	
13	2	2	3	1	2	2	2	0	2	2	0	3	2	
14	0	5	1	3	0	3	3	0	1	0	2	2	2	
15	1	2	11	7	2	4	1	1	1	7	3	2	4	
16	1	0	1	2	0	2	0	3	2	4	0	4	2	
17	0	6	3	2	0	0	3	3	3	4	3	4	3	
18	2	4	2	2	1	2	0	0	3	1	0	0	1	
19	0	3	3	3	0	***	0	0	2	1	1	0	1	
20	2	5	0	2	3	0	3	2	2	0	3	0	2	
21	2	2	2	2	7	1	0	0	2	3	2	3	2	
22	2	2	2	3	3	4	0	3	3	4	2	3	3	
23	4	2	5	3	5	2	5	0	3	2	4	2	3	
24	0	3	2	3	3	4	0	2	0	0	3	0	3	
25	2	0	2	2	0	0	2	0	2	1	0	2	1	
26	1	0	3	2	6	0	2	0	7	1	0	2	2	
27	0	0	0	1	4	0	2	0	1	0	2	3	1	
28	3	2	2	0	2	0	2	0	2	3	0	2	2	
29	2	0	1	0	0	0	2	2	1	5	5	5	2	
30	2	3	2	2	2	0	1	3	3	5	0	2	2	
MEAN	2	2	3	2	2	2	2	1	2	2	2	2	1.9	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL													MONTH - OCT 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	3	2	3	0	0	1	0	2	0	1	1	
2	0	0	2	6	2	0	0	2	1	0	2	2	1	
3	2	1	3	1	1	3	0	1	1	3	0	2	2	
4	0	0	0	5	0	2	0	2	2	1	2	2	1	
5	0	2	2	2	2	2	3	0	2	4	2	2	2	
6	0	0	0	2	2	0	2	2	2	2	2	2	1	
7	0	0	5	2	0	0	1	2	0	6	4	1	2	
8	2	3	5	1	4	2	0	0	2	0	4	2	2	
9	1	0	2	2	2	2	0	2	2	3	3	0	2	
10	3	3	0	0	3	3	3	4	0	3	2	5	2	
11	2	0	8	8	2	3	2	0	2	0	2	3	3	
12	0	0	9	2	2	2	0	6	0	3	2	2	3	
13	0	0	0	0	2	2	1	1	2	3	11	17	2	
14	9	3	7	4	10	5	9	3	5	2	2	7	6	
15	2	0	0	3	0	3	2	0	3	7	3	2	2	
16	2	3	2	3	1	0	0	3	0	0	0	0	1	
17	2	3	0	5	1	4	0	2	2	0	3	0	2	
18	0	1	3	0	2	2	2	2	3	2	2	4	2	
19	4	0	2	5	2	2	2	3	4	3	2	1	2	
20	2	5	3	7	2	1	2	1	2	2	2	3	3	
21	3	1	2	2	2	1	3	2	2	4	1	2	2	
22	3	5	3	1	5	2	1	2	0	0	***	2	2	
23	0	2	1	3	1	2	0	2	2	3	6	0	2	
24	4	7	3	17	2	1	2	0	2	3	2	2	4	
25	2	9	11	22	8	2	5	4	3	7	8	12	8	
26	4	2	4	2	1	2	2	3	3	0	2	1	2	
27	6	2	6	2	2	3	2	1	1	11	5	2	4	
28	3	1	3	2	2	2	0	0	2	0	2	2	2	
29	2	6	6	6	2	2	0	1	3	8	13	15	5	
30	10	11	8	7	0	0	2	0	4	3	12	10	6	
31	8	7	8	11	7	4	2	2	6	4	3	2	5	
MEAN	3	3	4	4	2	2	1	2	2	3	3	3	2.7	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL													MONTH - NOV 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	4	1	3	0	2	2	2	1	4	12	7	3	3
2	12	12	16	11	4	4	0	2	5	3	2	2	6	6
3	2	2	3	4	2	3	2	2	6	4	2	2	3	3
4	2	2	2	1	0	2	2	2	2	2	0	3	2	2
5	0	2	2	1	0	2	0	2	0	5	2	1	1	1
6	2	3	2	2	2	2	4	1	4	0	2	2	2	2
7	2	4	4	3	0	5	2	2	2	0	6	1	2	2
8	3	1	0	3	0	0	2	2	5	4	5	6	4	4
9	2	4	0	4	4	3	4	2	2	3	0	2	3	3
10	7	4	5	5	3	1								
11	0	1	0	1	2	0	0	2	0	1	1	0	1	1
12	2	0	2	1	1	2	0	2	1	2	1	0	1	1
13	0	0	0	0	2	2	2	2	2	1	0	0	2	2
14	2	0	0	3	4	5	2	2	13	7	7	3	4	4
15	2	0	3	3	2	4	2	3	4	7	0	2	3	3
16	6	2	3	3	5	2	2	2	2	3	0	3	2	2
17	2	3	2	1	0	2	1	3	0	3	0	2	1	1
18	2	1	1	0	2	1	0	2	0	0	3	0	1	1
19	1	0	0	3	2	0	3	1	3	4	2	2	2	2
20	2	3	2											
21	2	2	4	3	0	5	2	1	2	0	2	0	2	2
22	2	0	2	0	2	0	2	0	2	4	0	7	2	2
23	5	12	7	5	1	2	0	1	2	2	0	0	3	3
24	2	2	2	2	2	2	2	2	0	2	2	3	2	2
25	0	1	2	4	2	4	1	4	0	2	3	0	2	2
26	5	1	2	2	4	2	3	0	2	1	2	3	2	2
27	5	2	2	0	2	2	0	2	5	0	6	2	3	3
28	3	0	0	2	4	2	8	2	14	6	7	7	6	6
29	1	4	9	9	7	4	4	2	7	5	5	5	4	4
30	3	3	5	2	4	3	3	5	7	4				
MEAN	3	3	3	3	2	2	2	2	3	3	3	2	2.5	

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL													MONTH - DEC 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	0	2	2	0	1	5	2	0	2	0	2	2
2	0	0	2	0	2	2	2	2	2	0	1	2	1	1
3	0	0	2	2	0	0	0	2	0	2	2	1	1	1
4	1	0	2	2	2	0	3	0	0	2	0	2	1	1
5	2	2	3	4	2	4	0	2	0	0	0	3	2	2
6	0	3	0	0	2	3	3	0	1	0	1	0	1	1
7	1	0	4	2	0	0	2	1	0	2	0	2	2	2
8	2	0	2	1	2	0	2	2	2	5	2	0	2	2
9	0	2	1	3	2	5	0	1	1	1	2	0	2	2
10	1	0	1	0	0	1	3	2	0	2	0	3	1	1
11	0	0	0	0	0	1	2	3	1	1	1	2	1	1
12	0	3	1	2	2	0	0	2	0	2	2	4	2	2
13	2	2	3	3	4	6	6	2	2	3	3	2	3	3
14	3	1	0	1	2	0	2	1	4	1	2	2	2	2
15	1	3	0	3	2	3	3	5	3	4	2	0	3	3
16	4	4	3	6	2	4	1	5	3	2	14	6	3	3
17	2	2	0	0	0	3	0	1	1	0	4	2	1	1
18	2	0	2	0	1	3	2	2	1	0	4	2	2	2
19	1	0	2	3	2	2	0	2	0	2	2	0	1	1
20	0	1	0	3	3	1	0	2	0	2				
21	2	0	2	0	0	3	0	2	0	2	1	0	1	1
22	0	0	3	0	3	1	1	4	3	4	0	0	2	2
23	0	2	0	0	0	7	3	1	4	2	0	4	2	2
24	2	2	0	2	2	0	4	3	5	6	6	2	1	1
25	3	2	1	2	1	2	0	0	3	0	1	1	1	1
26	0	2	0	2	2	1	2	1	1	2	0	2	2	2
27	0	2	2	4	5	3	1	3	2	2	2	2	2	2
28	2	0	0	3	6	4	2	2	3	2	3	9	3	3
29	1	1	2	1	2	3	2	2	0	4	2	2	3	3
30	0	2	2	4	6	5	5	6						
31	3	5	2	2	2	8	2	1	2	5	6	6	4	4
MEAN	1	1	1	2	2	2	2	2	2	2	2	2	1.8	

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.1	6	12
FEB	28	1.7	4	7
MAR	30	1.3	4	9
APR	29	1.8	4	10
MAY	31	2.0	4	9
JUN	30	1.6	3	9
JUL	31	1.7	3	9
AUG	31	1.5	2	7
SEP	30	1.9	4	11
OCT	31	2.7	8	22
NOV	30	2.5	6	16
DEC	31	1.8	4	14
YEAR	363	1.9	8	22

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	327	42	3	0	0	0	0	372
FEB	319	17	0	0	0	0	0	336
MAR	351	11	0	0	0	0	0	362
APR	304	46	0	0	0	0	0	350
MAY	319	51	0	0	0	0	0	370
JUN	330	29	0	0	0	0	0	359
JUL	341	29	0	0	0	0	0	370
AUG	358	13	0	0	0	0	0	371
SEP	329	28	1	0	0	0	0	358
OCT	312	47	9	2	1	0	0	371
NOV	311	41	7	1	0	0	0	360
DEC	346	25	1	0	0	0	0	372
YEAR	3947	379	21	3	1	0	0	4351

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
99.3	0	0.0	0.0	1.2	1.9	3.9	4.9	6.8	8.5	22	1.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH													MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	3	0	2	2	0	2	1	2	1	1	1	
2	0	0	0	0	2	2	2	2	2	0	4	0	1	
3	6	2	1	2	0	1	1	2	4	5	5	2	3	
4	0	0	1	5	2	6	1	0	7	7	0	2	3	
5	2	0	0	6	6	0	2	0	2	1	2	7	5	
6	8	5	6	4	0	2	4	9	8	4	4	6	5	
7	4	3	0	8	4	0	2	3	0	3	3	4	3	
8	2	2	0	2	5	2	2	0	1	6	1	4	2	
9	5	1	2	0	3	0	7	0	7	1	0	3	2	
10	3	2	2	3	2	4	2	3	6	6	1	2	3	
11	0	1	5	0	3	8	4	4	0	0	1	8	3	
12	2	2	2	5	1	9	2	3	5	1	2	3	3	
13	0	2	5	10	19	15	7	3	7	2	3	2	6	
14	8	0	1	6	4	0	4	2	3	7	1	2	3	
15	1	2	4	3	8	0	0	2	2	2	1	2	2	
16	4	0	0	4	0	4	1	0	7	2	0	6	3	
17	0	2	0	2	3	3	1	4	5	1	2	4	3	
18	3	1	2	3	2	1	2	4	2	0	2	0	1	
19	0	0	0	2	2	0	2	0	2	4	4	2	2	
20	2	0	0	2	1	2	3	0	2	4	4	2	2	
21	5	3	2	0	3	0	1	0	0	1	0	2	1	
22	2	0	2	0	0	2	1	0	0	2	0	1	0	
23	0	0	0	0	0	0	0	0	0	2	3	1	2	
24	2	6	0	2	0	2	3	0	0	2	3	2	2	
25	3	1	0	3	3	4	0	2	1	0	0	2	2	
26	1	3	3	1	0	2	2	0	2	2	0	1	1	
27	0	1	0	1	****	****	****	****	****	****	****	****	*****	
28							- DATA INVALID -							
29							- DATA INVALID -							
30							- DATA INVALID -							
31							- DATA INVALID -							
MEAN	2	2	2	3	3	3	2	2	3	2	2	3	2.3	

PERCENTAGE OF DATA VALID - B4.1 PERCENTAGE OF DATA INVALID - 28.8 PERCENTAGE OF DATA UNAVAILABLE --12.9

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *-* INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH													MONTH - MAR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	****	****	****	****	****	****	****	****	0	2	2	0	*****	
2	3	0	0	2	3	0	3	2	2	0	5	0	2	
3	0	5	0	9	2	0	0	0	0	0	0	5	2	
4	0	3	0	3	5	2	2	2	1	6	0	0	2	
5	4	5	5	3	0	0	2	0	0	2	6	2	3	
6	1	2	4	5	3	0	2	0	0	0	3	0	2	
7	7	0	2	0	2	0	5	0	3	0	3	0	2	
8	2	0	0	0	2	0	7	0	2	4	5	11	3	
9	11	2	11	3	2	5	4	0	0	1	0	2	3	
10	2	3	6	11	3	6	8	7	7	11	9	11	7	
11	5	3	4	4	0	6	0	5	7	9	9	5	5	
12	1	5	4	13	5	9	2	0	3	2	5	3	4	
13	1	0	0	3	0	0	5	0	4	5	3	2	2	
14	1	2	2	5	2	1	0	2	0	2	3	5	2	
15	2	0	2	3	3	0	0	0	0	0	1	1	1	
16	0	0	0	5	2	2	0	****	****	****	****	****	*****	
17							- DATA INVALID -							
18							- DATA INVALID -							
19							- DATA INVALID -							
20							- DATA INVALID -							
21							- DATA INVALID -							
22							- DATA INVALID -							
23							- DATA INVALID -							
24							- DATA INVALID -							
25							- DATA INVALID -							
26							- DATA INVALID -							
27							- DATA INVALID -							
28							- DATA INVALID -							
29							- DATA INVALID -							
30							- DATA INVALID -							
31							- DATA INVALID -							
MEAN	3	2	3	5	2	2	2	1	2	3	4	3	2.7	

PERCENTAGE OF DATA VALID - 48.1 PERCENTAGE OF DATA INVALID - 100.3 PERCENTAGE OF DATA UNAVAILABLE --48.4

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *-* INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH													MONTH - APR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1														
2														
3														
4														
5	****	****	****	****	****	****	****	****	****	****	****	****		
6	0	2	0	3	3	0	0	0	0	2	0	0	*****	
7	2	1	1	5	0	4	3	1	3	2	0	2	1	
8	3	3	0	3	0	1	1	5	0	0	0	2	2	
9	2	0	3	0	4	0	2	0	2	2	2	3	2	
10	4	3	1	7	2	2	2	2	2	4	0	5	3	
11	2	2	5	3	2	4	3	6	6	2	5	1	3	
12	4	2	0	0	0	2	2	2	2	3	2	3	2	
13	2	0	7	2	4	0	4	2	2	2	0	5	3	
14	2	1	0	0	3	3	0	0	3	5	2	5	2	
15	2	5	2	6	1	0	2	1	0	0	2	0	2	
16	2	0	3	5	0	1	1	4	1	2	3	4	2	
17	3	2	5	6	1	0	2	0	3	1	0	4	2	
18	0	3	6	1	3	0	0	6	2	0	6	6	3	
19	5	6	8	7	5	5	0	1	3	3	4	4	4	
20	3	6	2	10	1	7	2	6	0	2	5	1	4	
21	2	5	2	4	2	2	6	3	5	2	0	2	3	
22	1	3	5	0	3	2	0	0	2	0	0	2	2	
23	1	0	4	0	0	0	1	0	2	0	0	3	1	
24	2	0	3	0	0	2	0	2	0	3	1	1	1	
25	0	2	0	1	0	8	4	2	0	1	3	1	1	
26	1	5	2	5	0	0	2	0	2	4	0	3	2	
27	4	5	0	0	4	0	2	6	0	3	4	0	2	
28	11	3	0	3	0	2	0	0	0	2	0	2	2	
29	1	0	2	3	0	3	0	1	0	2	1	2	1	
30	3	0	5	4	6	0	1	0	2	8	3	3	3	
MEAN	2	2	3	3	2	2	2	2	2	2	2	3	2.2	

PERCENTAGE OF DATA VALID - 84.4

PERCENTAGE OF DATA INVALID - 25.6

PERCENTAGE OF DATA UNAVAILABLE - 10.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH													MONTH - MAY 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	0	4	8	3	1	3	0	5	4	0	1	3	
2	0	4	4	2	3	3	1	2	0	4	0	2	2	
3	0	2	5	2	2	2	0	***	1	1	2	3	2	
4	3	4	2	0	1	2	0	1	0	4	0	2	2	
5	2	3	2	5	2	1	3	2	1	2	9	3	3	
6	0	2	2	0	0	0	2	0	2	0	1	0	1	
7	3	7	3	0	0	1	2	2	6	0	0	2	2	
8	0	3	0	0	2	0	0	0	2	0	0	4	1	
9	2	3	0	3	2	1	1	3	0	3	4	1	2	
10	1	0	2	0	1	3	0	2	4	2	2	3	2	
11	4	2	5	3	2	0	2	2	0	2	0	0	2	
12	2	2	2	3	1	2	0	0	2	0	1	5	2	
13	2	2	0	0	0	2	2	6	2	3	4	8	2	
14	2	1	3	3	2	0	1	0	2	3	0	2	2	
15	0	2	1	0	0	2	2	0	0	0	2	2	1	
16	4	2	0	3	4	1	0	2	2	2	2	1	2	
17	2	8	1	3	3	4	0	1	1	2	0	0	2	
18	1	1	2	0	1	1	0	0	1	0	4	3	1	
19	1	2	1	3	0	2	0	3	0	3	2	2	2	
20	1	2	1	2	0	0	2	3	1	2	4	3	2	
21	2	2	0	5	2	4	0	3	1	4	2	3	2	
22	2	2	2	2	0	2	0	2	3	2	0	2	2	
23	3	4	3	2	1	0	3	2	2	5	2	0	2	
24	2	2	0	0	2	2	0	0	2	0	0	0	1	
25	3	1	0	2	0	0	1	3	0	2	3	2	1	
26	2	0	0	3	0	0	0	2	0	2	3	2	1	
27	2	0	0	1	0	3	0	***	3	0	2	3	1	
28	5	0	2	0	5	0	0	1	0	6	3	0	2	
29	2	0	2	0	2	2	2	0	2	2	5	4	2	
30	2	1	2	2	2	2	0	2	1	1	0	2	1	
31	3	0	2	2	0	3	3	0	3	0	3	0	2	
MEAN	2	2	2	2	1	1	1	2	2	2	2	2	1.7	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH													
MONTH - JUN 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	4	0	0	3	2	2	0	1	2	1
2	0	0	5	1	2	3	0	0	2	0	7	2	2
3	0	0	3	2	0	1	2	0	0	2	3	1	1
4	3	0	2	3	3	0	0	0	0	0	2	3	2
5	3	0	0	2	2	0	0	2	0	0	0	3	1
6	2	2	0	0	0	2	1	0	0	2	2	2	1
7	2	0	0	0	0	3	2	0	1	1	0	0	1
8	2	2	0	0	0	2	0	2	2	2	3	2	1
9	3	3	4	0	2	2	0	0	3	3	2	0	2
10	0	3	0	0	0	0	3	0	0	0	2	2	1
11	2	0	0	0	1	3	0	1	2	2	0	0	1
12	2	0	0	0	2	0	0	0	1	1	1	0	1
13	2	0	2	1	3	0	2	0	1	4	0	2	1
14	0	5	2	0	2	0	0	3	2	0	1	2	1
15	0	0	1	0	0	2	0	0	3	1	5	2	1
16	2	1	1	0	3	2	0	2	0	0	0	2	1
17	2	1	2	5	4	4	2	2	3	2	1	0	2
18	0	5	0	2	3	1	2	0	0	0	0	1	1
19	0	0	0	0	0	0	1	0	2	1	0	2	1
20	0	0	5	0	2	0	1	2	1	0	2	0	1
21	0	2	0	2	0	0	0	3	1	2	0	1	1
22	0	0	3	2	0	3	0	1	1	0	2	0	1
23	3	2	5	0	2	2	2	0	3	3	2	0	2
24	0	4	3	2	2	4	1	2	0	2	3	0	2
25	8	6	0	5	2	4	0	0	4	1	0	0	3
26	1	1	1	3	0	3	0	2	0	0	1	1	1
27	3	0	0	2	6	0	2	1	3	4	0	2	2
28	0	6	2	2	1	2	4	3	2	3	2	1	1
29	2	2	2	0	3	0	2	***	0	1	1	0	1
30	2	0	0	3	0	0	0	0	0	2	2	0	1
MEAN	1	2	2	1	2	2	1	1	1	1	2	1	1.3

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH													
MONTH - JUL 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	0	2	0	0	3	3	2	3	2	3	2
2	5	2	0	2	3	5	0	2	0	1	0	0	2
3	0	0	2	2	2	0	3	0	0	0	2	3	1
4	2	2	2	2	0	2	1	2	2	0	3	3	2
5	1	1	6	6	2	2	3	9	3	3	2	2	3
6	0	2	0	0	2	0	2	1	2	2	2	2	1
7	1	2	1	2	2	2	0	0	****	****	****	****	1
8	- DATA INVALID -												
9	- DATA INVALID -												
10	- DATA INVALID -												
11	- DATA INVALID -												
12	- DATA INVALID -												
13	- DATA INVALID -												
14	- DATA INVALID -												
15	- DATA INVALID -												
16	- DATA INVALID -												
17	- DATA INVALID -												
18	- DATA INVALID -												
19	- DATA INVALID -												
20	- DATA INVALID -												
21	- DATA INVALID -												
22	- DATA INVALID -												
23	- DATA INVALID -												
24	- DATA INVALID -												
25	- DATA INVALID -												
26	- DATA INVALID -												
27	- DATA INVALID -												
28	- DATA INVALID -												
29	- DATA INVALID -												
30	- DATA INVALID -												
31	- DATA INVALID -												
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 21.5 PERCENTAGE OF DATA INVALID - 155.9 PERCENTAGE OF DATA UNAVAILABLE - 77.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH													MONTH - AUG 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1													- DATA UNAVAILABLE -	
2													- DATA UNAVAILABLE -	
3													- DATA UNAVAILABLE -	
4													- DATA UNAVAILABLE -	
5													- DATA UNAVAILABLE -	
6													- DATA UNAVAILABLE -	
7													- DATA UNAVAILABLE -	
8													- DATA UNAVAILABLE -	
9													- DATA UNAVAILABLE -	
10													- DATA UNAVAILABLE -	
11													- DATA UNAVAILABLE -	
12													- DATA UNAVAILABLE -	
13													- DATA UNAVAILABLE -	
14													- DATA UNAVAILABLE -	
15													- DATA UNAVAILABLE -	
16													- DATA UNAVAILABLE -	
17													- DATA UNAVAILABLE -	
18													- DATA UNAVAILABLE -	
19													- DATA UNAVAILABLE -	
20													- DATA UNAVAILABLE -	
21													- DATA UNAVAILABLE -	
22													- DATA UNAVAILABLE -	
23													- DATA UNAVAILABLE -	
24													- DATA UNAVAILABLE -	
25													- DATA UNAVAILABLE -	
26													- DATA UNAVAILABLE -	
27													- DATA UNAVAILABLE -	
28													- DATA UNAVAILABLE -	
29													- DATA UNAVAILABLE -	
30								2		2	0	3	*****	
31	0	2	0	2	1	4	0	1	5	0	5	0	2	
MEAN	0	2	0	2	1	4	0	2	3	1	3	2	1.6	

PERCENTAGE OF DATA VALID - 4.6 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 95.4

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH													MONTH - SEP 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	7	3	1	3	7	3	3	0	2	0	3	
2	2	1	3	0	3	4	2	1	2	0	2	4	2	
3	0	0	0	3	2	1	2	0	0	2	2	1	1	
4	2	0	1	1	2	0	2	0	0	0	0	0	1	
5	2	6	1	0	0	2	0	1	1	2	0	1	1	
6	3	2	2	2	7	4	2	0	0	2	4	2	3	
7	0	2	0	2	6	3	0	2	3	1	0	2	2	
8	4	2	0	0	4	8	0	3	0	2	1	0	2	
9	2	2	1	1	2	10	6	0	4	6	0	3	3	
10	0	2	0	1	0	0	5	0	4	0	1	2	1	
11	0	0	2	2	0	0	5	2	0	2	1	0	1	
12	1	3	0	2	5	7	0	5	2	2	3	0	3	
13	0	3	1	5	7	4	3	5	2	0	3	0	3	
14	3	1	5	2	2	2	2	0	1	1	5	2	2	
15	2	4	2	2	5	0	2	2	3	0	4	1	2	
16	2	3	2	3	3	3	2	1	5	0	2	3	2	
17	4	1	0	5	3	2	1	0	0	2	3	2	2	
18	0	0	2	0	2	1	5	0	2	0	2	0	1	
19	2	2	2	3	0	3	1	2	0	0	0	2	1	
20	0	2	2	2	0	2	2	2	4	0	0	2	2	
21	2	0	1	3	0	4	0	3	2	4	0	2	2	
22	2	2	2	3	0	0	2	5	1	3	0	1	2	
23	0	2	3	3	0	2	0	3	2	3	1	1	2	
24	2	0	3	5	3	3	0	2	1	2	2	1	2	
25	3	0	0	2	0	2	2	0	2	2	5	1	2	
26	2	1	2	0	2	0	3	2	0	3	0	0	1	
27	2	0	3	0	1	2	0	4	0	3	0	2	1	
28	7	1	1	0	0	0	0	0	0	3	2	2	1	
29	3	2	2	3	0	0	0	2	5	2	2	3	2	
30	0	3	6	5	10	2	5	3	3	7	0	0	4	
MEAN	2	2	2	2	2	2	2	2	2	2	2	1	1.9	

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH													
MONTH - DEC 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	3	2	3	3	0	5	0	0	2	2
2	0	3	0	3	3	0	0	0	3	2	3	2	2
3	0	2	2	2	0	1	0	0	2	3	2	0	1
4	1	2	2	5	0	0	2	0	2	4	1	8	3
5	5	0	2	0	2	0	0	0	2	0	1	5	1
6	0	2	5	2	2	2	0	2	0	0	1	9	2
7	0	3	0	0	2	0	1	0	0	3	6	6	2
8	2	2	4	2	5	3	0	0	0	3	2	5	2
9	3	4	3	2	0	0	0	3	0	2	3	3	2
10	0	3	0	0	2	0	2	0	0	2	3	4	1
11	4	5	2	7	5	0	0	0	0	4	7	17	4
12	13	5	2	0	0	0	0	0	2	3	7	2	3
13	4	5	4	0	2	0	3	0	4	3	3	9	3
14	5	2	0	2	2	2	4	2	7	5	4	5	3
15	2	3	5	5	2	2	2	2	0	5	9	5	4
16	7	5	2	0	3	1	2	5	2	2	3	2	3
17	3	2	2	0	0	0	0	2	0	5	3	5	2
18	3	2	0	0	0	0	2	0	0	2	2	3	1
19	3	3	0	2	0	0	0	0	0	4	4	2	2
20	0	3	2	2	0	5	0	0	0	3	2	3	2
21	3	3	2	0	0	0	2	0	0	0	3	3	1
22	3	3	5	5	0	2	0	2	0	2	2	5	2
23	5	5	5	0	3	3	0	2	2	4	9	7	4
24	0	5	9	9	3	3	2	0	0	2	3	5	3
25	3	2	0	0	0	0	2	0	0	0	2	0	1
26	3	4	2	3	0	0	2	0	0	2	3	0	2
27	3	2	5	0	2	2	0	0	0	0	0	***	1
28	5	7	7	12	0	-	-	-	-	-	-	-	*****
29	-	-	-	-	-	2	2	3	-	1	5	1	*****
30	0	5	6	2	7	5	7	3	2	6	6	6	5
31	14	2	1	2	0	3	5	1	3	2	9	2	4
MEAN	3	3	3	2	2	1	1	1	1	2	4	4	2.4

PERCENTAGE OF DATA VALID - 96.5

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 3.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES UNITS - 0.1 COHS/1000 FT

STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	2.3	6	19
FEB		DATA UNAVAILABLE		
MAR	14	2.7	7	13
APR	25	2.2	4	11
MAY	31	1.7	3	9
JUN	30	1.3	3	8
JUL	7	1.8	3	9
AUG	1	1.6	2	5
SEP	30	1.9	4	10
OCT	27	2.8	6	17
NOV	30	2.3	5	11
DEC	29	2.4	5	17
YEAR	250	2.1	7	19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES UNITS - 0.1 COHS/1000 FT

STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	268	43	1	1	0	0	0	313
FEB		DATA UNAVAILABLE						
MAR	135	37	7	0	0	0	0	179
APR	258	45	1	0	0	0	0	304
MAY	352	18	0	0	0	0	0	370
JUN	346	13	0	0	0	0	0	359
JUL	75	5	0	0	0	0	0	80
AUG	15	2	0	0	0	0	0	17
SEP	327	33	0	0	0	0	0	360
OCT	258	63	5	2	0	0	0	328
NOV	320	39	1	0	0	0	0	360
DEC	293	62	3	1	0	0	0	359
YEAR	2647	360	18	4	0	0	0	3029

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
74.9	0	0.0	0.0	1.4	2.2	4.4	5.7	7.8	8.9	19	2.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 59055 IE WELDON HS RIVERVIEW RD/HWY36 LINDSAY													MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1														
2														
3														
4														
5														
6	0	2	3	0	1	0	0	0	3	6	7	0	2	
7	1	3	6	0	4	0	4	3	11	0	2	4	3	
8	4	9	3	1	1	2	2	0	0	1	5	0	2	
9	0	2	2	2	0	2	0	3	2	3	0	2	2	
10	2	4	1	2	2	0	2	4	3	2	0	1	2	
11	3	4	1	3	0	0	1	0	0	2	4	1	2	
12	1	0	1	8	2	0	0	3	2	2	0	2	2	
13	2	3	2	0	0	0	3	2	2	3	5	3	2	
14	0	5	2	2	0	0	1	5	0	0	3	2	2	
15	4	4	4	5	2	0	6	4	4	4	0	2	3	
16	1	3	2	0	7	0	0	0	2	2	1	0	2	
17	0	0	0	3	0	3	0	3	3	1	1	2	1	
18	3	0	0	2	4	1	0	0	1	0	1	1	1	
19	1	1	3	2	4	2	2	0	0	3	2	0	2	
20	1	0	0	0	0	0	4	0	1	2	2	3	1	
21	1	0	2	2	2	1	1	2	1	4	0	0	1	
22	0	0	5	1	0	0	0	1	7	0	0	0	1	
23	2	0	0	3	0	3	0	0	7	0	1	0	1	
24	0	4	3	6	3	2	7	2	5	7	3	1	4	
25	2	8	3	1	4	4	1	4	0	0	2	2	2	
26	0	3	2	4	3	5	0	2	2	5	2	2	3	
27	6	0	1	0	2	2	8	2	0	0	0	2	3	
28	2	7	3	2	4	2	0	4	2	2	5	0	3	
29	2	0	2	3	3	2	0	3	2	4	3	2	3	
30	0	4	0	2	1	0	1	0	0	0	0	0	1	
31	0	0	0	4	0	4	0	8	7	2	2	0	2	
MEAN	1	3	2	2	2	1	2	2	3	2	2	1	2.0	

PERCENTAGE OF DATA VALID - 83.6

PERCENTAGE OF DATA INVALID - 29.3

PERCENTAGE OF DATA UNAVAILABLE --12.9

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 59055 IE WELDON HS RIVERVIEW RD/HWY36 LINDSAY													MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	3	0	2	0	4	4	0	6	1	5	2	2	
2	0	0	2	1	4	0	2	0	5	0	3	3	2	
3	1	7	2	7	8	7	3	8	5	0	0	2	4	
4	2	0	0	3	5	2	4	0	2	5	4	1	2	
5	3	0	0	2	2	0	2	0	1	2	0	0	1	
6	0	2	2	2	1	2	0	3	2	2	0	2	2	
7	0	3	2	1	2	0	1	1	0	3	2	0	1	
8	3	0	2	7	2	1	3	0	3	7	2	2	3	
9	6	2	6	4	5	5	7	4	0	10	4	5	5	
10	6	8	7	5	6	2	3	0	2	7	2	2	4	
11	5	8	4	11	3	7	6	4	2	3	4	0	5	
12	1	0	2	6	0	0	3	0	4	1	2	1	3	
13	4	7	5	2	5	0	0	1	3	0	3	1	3	
14	1	4	2	3	1	3	2	2	0	7	4	3	3	
15	0	2	3	2	2	0	0	0	2	1	1	0	1	
16	0	4	5	0	3	0	1	7	3	4	1	5	3	
17	0	0	0	0	6	3	0	0	2	2	1	6	2	
18	3	2	1	8	8	4	5	0	2	4	5	9	4	
19	3	7	10	15	2	5	1	6	3	0	2	2	5	
20	2	4	0	1	2	2	1	3	7	2	2	4	3	
21	0	2	3	3	2	5	0	1	0	3	0	0	2	
22	7	2	0	0	4	2	10	6	2	6	9	6	5	
23	5	2	1	0	2	2	0	0	0	0	0	0	1	
24	1	2	0	2	13	5	8	2	3	0	5	3	4	
25	0	4	2	0	1	2	1	1	3	2	1	3	2	
26	0	0	0	1	0	2	0	3	2	0	4	0	1	
27	0	0	1	2	5	0	5	2	1	0	2	0	2	
28	0	3	0	6	3	3	0	6	0	2	2	0	2	
MEAN	2	3	2	3	3	2	3	2	2	3	3	2	2.6	

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 59055 IE WELDON HS RIVERVIEW RD/HWY36 LINDSAY													MONTH - MAR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	1	0	5	3	0	8	2	3	3	1	2	3	3
2	1	0	1	0	2	2	0	2	0	2	5	3	2	2
3	0	0	3	1	2	2	3	2	1	0	2	2	2	2
4	1	0	4	0	2	2	2	0	3	0	0	0	2	2
5	2	2	2	0	5	0	3	2	0	0	0	5	1	1
6	1	0	1	2	1	2	0	2	0	2	0	2	2	2
7	1	0	5	0	3	2	2	0	0	5	4	0	3	3
8	11	0	0	3	4	4	2	0	2	4	0	7	4	4
9	1	3	3	9	6	7	2	5	6	9	9	5	5	5
10	2	2	2	1	2	9	3							
11	6	4	2	0	0	8	4	4	3	3	3	0	3	3
12	4	4	7	0	3	0	1	4	0	3	2	2	1	1
13	0	0	0	1	4	0	2	1	2	4	2	0	1	1
14	3	4	0	2	2	0	2	2	0	5	3	***	2	2
15							- DATA INVALID -							
16							- DATA INVALID -							
17							- DATA UNAVAILABLE -							
18							- DATA UNAVAILABLE -							
19							- DATA UNAVAILABLE -							
20							- DATA UNAVAILABLE -							
21							- DATA UNAVAILABLE -							
22							- DATA UNAVAILABLE -							
23							- DATA UNAVAILABLE -							
24							- DATA UNAVAILABLE -							
25							- DATA UNAVAILABLE -							
26							- DATA UNAVAILABLE -							
27							- DATA UNAVAILABLE -							
28							- DATA UNAVAILABLE -							
29							- DATA UNAVAILABLE -							
30							- DATA UNAVAILABLE -							
31							- DATA UNAVAILABLE -							
MEAN	3	1	2	2	3	3	2	3	1	3	2	2	2.3	

PERCENTAGE OF DATA VALID - 44.9 PERCENTAGE OF DATA INVALID - 4.6 PERCENTAGE OF DATA UNAVAILABLE - 50.5

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *-- INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 59055 IE WELDON HS RIVERVIEW RD/HWY36 LINDSAY													MONTH - APR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1							- DATA UNAVAILABLE -							
2							- DATA UNAVAILABLE -							
3							- DATA UNAVAILABLE -							
4							- DATA UNAVAILABLE -							
5							****	0	2	0	1	1	*****	
6	1	0	2	4	0	3	2	0	0	0	0	0	1	1
7	0	0	0	0	0	0	2	5	3	2	1	5	2	2
8	0	7	0	1	2	3	1	3	2	0	2	2	2	2
9	2	0	2	3	0	2	2	2	0	0	3	1	1	1
10	4	6	0	4	0	6	2	2	5	0	0	2	3	3
11	1	0	2	0	6	3	2	3	0	3	7	0	2	2
12	0	2	4	2	1	2	2	0	5	3	2	7	3	3
13	5	3	0	1	1	3	1	0	2	0	0	2	2	2
14	0	0	2	0	2	11	2	0	5	0	2	0	2	2
15	3	2	2	0	2	1	0	0	2	2	1	0	1	1
16	2	0	2	0	2	2	0	1	3	1	0	0	2	2
17	0	2	5	3	1	7	0	0	2	0	9	0	2	2
18	0	0	3	0	2	0	0	5	0	4	0	2	2	2
19	4	2	1	3	2	5	3	0	0	0	2	0	1	1
20	5	3	7	0	6	3	5	4	7	4	7	5	5	5
21	3	6	5	6	5	2	3	3	5	3	5	3	4	4
22	2	2	2	3	3	0	2	3	2	3	2	2	2	2
23	3	0	4	0	2	0	0	2	1	4	0	1	1	1
24	0	0	1	0	2	2	0	4	7	3	2	0	2	2
25	2	0	2	0	0	1	0	3	2	1	0	3	1	1
26	2	1	2	0	0	0	0	4	0	2	2	3	1	1
27	2	4	3	7	0	4	1	4	0	2	2	0	3	3
28	5	0	3	0	0	0	2	0	2	2	2	0	1	1
29	0	0	0	2	2	1	2	0	3	0	2	0	1	1
30	3	1	0	4	0	2	0	2	0	0	3	2	1	1
MEAN	2	2	2	2	2	3	1	2	2	2	2	2	1.9	

PERCENTAGE OF DATA VALID - 84.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 15.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *-- INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 59055 IE WELDON HS RIVERVIEW RD/HWY36 LINDSAY													MONTH - MAY 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	4	3	6	7	4	3	2	1	1	2	0	3	
2	2	0	5	0	8	0	2	5	2	1	2	1	2	
3	2	0	2	0	0	3	1	0	0	0	2	2	1	
4	7	0	3	2	2	2	0	2	1	0	2	0	2	
5	8	0	2	3	0	2	0	2	0	2	3	3	2	
6	3	3	2	3	4	4	0	2	1	2	2	1	2	
7	0	0	0	0	2	0	2	0	1	2	2	3	1	
8	2	1	1	2	2	3	1	5	6	0	0	0	2	
9	3	2	0	0	0	1	0	0	1	2	0	0	1	
10	0	4	0	2	2	3	3	3	0	1	0	1	2	
11	3	1	0	4	4	3	0	1	1	1	3	1	2	
12	2	3	0	2	3	3	2	2	3	2	0	3	2	
13	3	1	0	4	0	0	1	0	6	4	3	2	2	
14	0	0	0	5	1	2	0	0	0	2	0	1	1	
15	2	3	1	3	2	1	2	2	3	5	3	3	3	
16	8	0	2	0	2	4	2	0	5	3	1	3	3	
17	4	4	2	3	7	3	0	1	3	2	3	4	3	
18	2	2	7	2	2	4	2	3	2	1	0	2	2	
19	2	0	3	0	0	1	0	2	2	0	2	2	1	
20	0	2	2	3	2	1	0	3	3	3	2	2	2	
21	4	2	0	2	3	1	1	4	2	2	5	3	2	
22	3	2	3	5	0	3	0	2	0	0	1	2	2	
23	1	2	2	2	3	3	2	3	3	0	2	0	2	
24	4	5	2	2	5	1	2	2	5	0	3	2	3	
25	2	2	1	0	2	2	2	0	0	0	2	0	1	
26	0	3	1	0	2	0	0	0	2	0	2	0	1	
27	2	2	2	0	3	***	1	2	0	2	0	3	2	
28	1	5	3	0	0	0	3	3	0	0	1	0	1	
29	5	1	0	3	1	3	1	3	3	0	0	2	2	
30	7	0	3	3	0	3	0	0	1	2	3	1	2	
31	2	1	1	3	1	3	0	0	3	5	1	1	2	
MEAN	3	2	2	2	2	2	1	2	2	1	2	2	1.8	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES								UNITS - 0.1 COHS/1000 FT						
STATION - C NO 59055 IE WELDON HS RIVERVIEW RD/HWY36 LINDSAY								MONTH - JUN 77						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	1	0	3	5	1	3	5	0	1	1	3	2	
2	0	0	0	0	1	0	0	2	0	1	1	5	1	
3	3	0	1	1	3	3	3	1	0	3	1	2	2	
4	0	0	1	0	1	0	1	3	0	2	1	3	1	
5	3	5	3	0	0	1	0	0	0	0	0	1	1	
6	0	0	0	3	0	0	0	1	3	6	0	0	0	
7	0	1	0	0	1	0	0	0	3	0	0	3	1	
8	1	0	3	3	1	0	2	0	3	0	0	0	1	
9	1	1	0	1	0	1	0	1	1	0	0	0	1	
10	0	0	1	0	0	0	0	3	0	1	1	1	1	
11	- DATA INVALID -													
12	- DATA INVALID -													
13	- DATA INVALID -													
14	- DATA INVALID -													
15	- DATA INVALID -													
16	- DATA INVALID -													
17	- DATA INVALID -													
18	- DATA INVALID -													
19	- DATA INVALID -													
20	- DATA INVALID -													
21	- DATA INVALID -													
22	- DATA INVALID -													
23	- DATA INVALID -													
24	- DATA INVALID -													
25	- DATA INVALID -													
26	- DATA INVALID -													
27	- DATA INVALID -													
28	- DATA INVALID -													
29	- DATA INVALID -													
30	- DATA INVALID -													
MEAN	1	1	1	1	1	1	1	2	1	1	1	2	1.0	

PERCENTAGE OF DATA VALID - 33.3

PERCENTAGE OF DATA INVALID - 66.7

PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 59055 IE WELDON HS RIVERVIEW RD/HWY36 LINDSAY													MONTH - SEP 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	0	3	0	0	2	0	0	0	0	0	0
2	0	0	0	0	3	0	0	0	2	0	0	0	1	1
3	0	0	0	0	0	0	0	3	0	0	2	0	0	0
4	1	0	0	2	2	0	0	0	2	0	2	2	1	1
5	2	0	2	2	0	2	0	0	3	0	3	0	0	0
6	0	0	0	2	0	0	0	2	0	0	0	0	0	0
7	0	0	0	0	0	0	0	2	0	0	0	0	0	0
8	2	0	0	0	0	0	0	0	0	2	0	0	1	1
9	3	0	0	2	0	0	0	2	2	2	2	0	1	1
10	0	3	0	3	0	0	0	3	0	3	0	3	1	1
11	0	0	2	2	2	0	0	0	0	2	0	0	1	1
12	0	0	0	3	0	3	0	2	2	2	***	***	1	1
13														
14														
15														
16														
17														
18														
19														
20	****	****	****	****	****	****	4	0	0	1	4	0	*****	
21	2	2	2	0	0	0	0	2	1	0	0	2	1	1
22	0	0	4	0	3	0	0	0	1	2	2	0	1	1
23	0	1	0	0	0	0	5	5	0	0	0	0	1	1
24	0	3	0	3	4	0	0	0	7	0	0	0	1	1
25	0	0	2	2	0	2	3	5	0	1	1	0	1	1
26	0	0	2	0	0	0	0	0	2	0	0	0	0	0
27	0	0	0	0	0	0	2	0	0	6	0	0	1	1
28	0	2	1	0	0	6	0	0	2	0	1	6	2	2
29	5	0	0	2	0	0	0	2	4	3	0	4	2	2
30	5	2	2	6	4	2	2	0	2	0	0	2	2	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.9	

PERCENTAGE OF DATA VALID - 74.4

PERCENTAGE OF DATA INVALID - 25.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 59055 IE WELDON HS RIVERVIEW RD/HWY36 LINDSAY													MONTH - OCT 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	0	0	0	2	0	0	0	2	2	3	0	1	1
2	3	0	0	0	2	2	1	0	2	0	0	3	1	1
3	2	0	2	2	2	1	0	0	3	1	2	0	1	1
4	0	2	0	0	3	5	0	1	0	0	0	0	1	1
5	2	3	0	3	0	0	0	0	0	2	11	2	2	2
6	2	2	3	0	1	0	2	0	2	0	4	3	2	2
7	3	0	3	2	0	2	0	0	2	0	0	0	1	1
8	0	0	0	2	0	0	0	0	0	0	2	2	1	1
9	2	0	2	0	0	0	0	3	0	0	2	0	1	1
10	2	2	2	0	0	0	2	3	2	0	3	0	1	1
11	2	0	5	5	2	0	3	0	0	0	0	2	2	2
12	2	0	3	3	2	4	2	0	3	0	0	2	2	2
13	0	0	2	1	4	0	5	0	0	0	2	0	1	1
14	0	2	0	0	2	2	0	0	0	2	0	5	1	1
15	0	0	0	3	0	0	2	5	0	0	2	0	1	1
16	0	0	0	7	0	0	7	2	0	0	2	5	2	2
17	3	0	0	0	0	0	2	0	4	2	2	2	1	1
18	0	3	2	0	0	5	0	0	2	3	2	0	1	1
19	3	5	3	0	3	0	0	0	3	3	3	0	2	2
20	0	2	0	2	0	0	0	0	0	5	0	7	1	1
21	3	0	0	1	0	0	2	0	0	2	7	2	1	1
22	1	2	0	0	4	0	0	0	3	2	3	0	0	0
23	0	2	0	0	0	0	0	0	0	0	0	0	0	0
24	2	0	5	0	2	5	0	7	1	2	3	0	2	2
25	0	0	3	3	4	0	2	0	2	3	2	0	2	2
26	1	5	0	5	3	3	2	0	0	0	0	0	2	2
27	1	2	0	0	2	0	3	0	0	2	0	0	1	1
28	0	3	0	0	0	2	3	0	1	0	5	0	1	1
29	0	0	7	3	0	0	0	3	0	0	3	0	1	1
30	0	0	7	3	0	0	0	3	0	0	3	0	1	1
31	0	0	3	4	0	0	3	0	5	0	0	0	1	1
MEAN	1	1	1	2	1	1	2	1	1	1	2	1	1.4	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 59055 IE WELDON HS RIVERVIEW RD/HWY36 LINDSAY

MO	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	2.0	4	11
FEB	28	2.6	5	15
MAR	14	2.3	5	11
APR	25	1.9	5	11
MAY	31	1.8	3	8
JUN	10	1.0	2	6
JUL	3	1.4	2	5
AUG	31	1.1	2	7
SEP	22	0.9	2	7
OCT	31	1.4	3	11
NOV	30	1.1	2	7
DEC	19	1.2	2	5
YEAR	270	1.6	5	15

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 59055 IE WELDON HS RIVERVIEW RD/HWY36 LINDSAY

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	280	30	1	0	0	0	0	311
FEB	268	65	3	0	0	0	0	336
MAR	144	22	1	0	0	0	0	167
APR	271	33	1	0	0	0	0	305
MAY	346	25	0	0	0	0	0	371
JUN	115	5	0	0	0	0	0	120
JUL	40	2	0	0	0	0	0	42
AUG	365	7	0	0	0	0	0	372
SEP	258	10	0	0	0	0	0	268
OCT	345	26	1	0	0	0	0	372
NOV	347	13	0	0	0	0	0	360
DEC	227	6	0	0	0	0	0	233
YEAR	3006	244	7	0	0	0	0	3257

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
74.4	0	0.0	0.0	0.8	1.8	3.5	4.7	6.4	7.2	15	1.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	1	2	0	2	0	1	0	1	1	4	0	1	
2	2	2	4	0	0	2	0	1	2	2	2	2	2	
3	1	1	1	3	1	0	3	2	2	2	2	0	2	
4	0	2	0	2	2	4	1	2	2	2	2	2	1	
5	1	4	3	2	3	2	3	0	1	2	0	2	2	
6	4	4	2	0	2	2	2	0	5	0	2	1	2	
7	4	0	1	4	0	0	2	2	4	2	1	1	2	
8	1	2	2	0	0	0	0	2	5	3	8	5	3	
9	1	2	2	0	3	0	0	1	5	3	8	5	3	
10	2	2	1	2	2	2	2	0	****	****	****	****	2	
11	****	****	****	****	2	1	1	2	3	3	1	5	2	
12	2	3	3	1	0	1	2	0	2	2	4	2	2	
13	2	1	3	1	2	3	3	4	2	6	4	4	3	
14	0	2	2	2	1	1	2	2	3	2	3	2	2	
15	1	2	0	1	2	2	1	0	0	2	2	1	1	
16	3	1	0	0	2	2	0	0	3	3	2	2	2	
17	1	0	0	0	1	1	3	0	0	3	0	0	1	
18	0	2	0	2	1	0	2	2	1	4	2	2	2	
19	2	4	2	1	2	4	3	2	3	5	2	6	3	
20	2	0	3	2	0	1	0	2	0	3	2	0	1	
21	2	2	3	4	2	2	3	0	3	1	0	2	2	
22	4	2	2	0	3	1	3	1	4	3	1	2	2	
23	1	0	2	1	2	2	1	1	3	1	1	1	1	
24	1	2	2	1	0	2	2	0	2	3	0	0	1	
25	3	0	4	0	5	2	2	0	1	2	6	5	3	
26	3	2	3	1	0	0	0	1	1	1	1	1	1	
27	1	0	1	2	1	1	0	1	1	2	2	0	2	
28	0	2	2	1	2	2	0	1	1	0	0	1	1	
29	0	1	1	2	3	0	1	3	1	0	2	0	1	
30	3	2	0	1	1	2	0	2	0	1	2	0	1	
31	0	2	0	1	2	2	0	0	0	2	0	0	1	
MEAN	2	2	2	1	2	2	1	1	2	2	2	2	1.7	

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "N/A" INDICATES DATA IS UNAVAILABLE
 3. "*****" INDICATES LEWIS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	1	2	3	2	1	0	1	2	2	2	2	
2	5	3	3	3	10	2	0	2	2	0	0	1	3	
3	2	1	2	0	0	1	2	2	0	2	****	****	1	
4	****	****	****	****	****	2	3	1	2	0	2	2	1	
5	3	0	0	3	0	0	2	0	0	0	3	3	2	
6	3	0	0	1	0	2	2	0	3	2	0	5	3	
7	5	0	3	0	3	3	9	3	7	5	7	3	4	
8	3	5	0	0	6	3	2	2	0	0	2	2	2	
9	3	2	0	3	0	0	2	2	2	6	5	7	3	
10	1	0	3	2	2	0	2	3	2	0	5	2	2	
11	7	0	4	0	3	3	2	2	2	0	3	2	2	
12	0	3	0	2	2	0	2	2	3	2	2	2	2	
13	0	0	0	2	0	0	0	0	2	0	0	0	0	
14	0	2	2	0	0	0	0	0	0	0	2	2	1	
15	0	0	0	0	2	0	2	0	2	0	3	2	1	
16	2	2	2	0	2	2	5	3	3	0	2	7	3	
17	0	2	3	2	5	0	5	0	1	2	0	0	2	
18	4	0	2	0	2	0	9	0	2	5	0	2	1	
19	0	2	0	0	0	0	2	1	0	0	2	2	2	
20	3	3	5	0	1	1	3	2	0	3	2	2	2	
21	0	3	2	9	4	5	2	3	2	2	3	3	3	
22	0	0	0	2	0	5	0	0	2	0	1	0	1	
23	2	7	2	0	2	2	2	2	2	0	2	0	2	
24	3	2	3	0	3	0	3	0	3	0	2	0	1	
25	0	2	0	0	0	0	3	0	2	0	2	0	1	
26	2	0	0	0	2	0	0	2	2	2	0	2	1	
27	2	2	0	0	0	0	3	0	3	0	0	0	1	
28	0	0	0	0	0	0	3	0	3	0	0	0	1	
MEAN	2	2	1	1	2	1	2	1	2	1	2	2	1.7	

PERCENTAGE OF DATA VALID - 97.9 PERCENTAGE OF DATA INVALID - 2.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "N/A" INDICATES DATA IS UNAVAILABLE
 3. "*****" INDICATES LEWIS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													
MONTH - MAR 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	4	0	0	0	3	0	0	2	0	0	1	1
2	2	3	0	0	0	2	2	0	2	0	3	3	1
3	3	3	2	3	3	2	0	0	3	0	0	0	2
4	0	1	0	0	3	0	2	3	2	0	2	0	1
5	0	0	0	1	0	0	0	2	1	0	0	0	0
6	0	0	2	0	0	2	0	0	2	0	2	2	1
7	0	2	2	2	8	***	3	0	1	3	5	5	3
8	2	3	3	4	7	2	4	3	1	5	3	3	3
9	3	5	3	3	5	0	0	2	0	5	0	0	2
10	0	0	3	3	7	5	2	2	2	0	2	1	2
11	0	2	2	2	2	2	2	0	2	2	3	1	2
12	0	3	5	0	2	0	2	1	2	0	0	2	2
13	0	2	0	1	0	0	0	0	0	0	5	2	1
14	0	2	0	3	5	5	2	2	0	0	0	2	2
15	0	3	0	2	3	0	2	0	0	0	2	2	1
16	2	0	0	3	0	2	0	1	0	0	0	2	1
17	0	5	0	2	0	3	2	0	0	1	0	3	1
18	0	2	0	1	0	2	0	2	2	0	0	2	1
19	2	0	0	0	1	0	0	3	0	0	0	2	1
20	0	0	0	0	1	0	0	3	0	0	0	2	1
21	0	2	0	0	0	0	0	0	2	0	0	3	1
22	2	4	2	0	3	2	2	2	0	0	2	2	2
23	0	0	0	0	2	2	0	2	0	0	2	0	1
24	4	0	2	0	0	0	0	2	***	***	***	***	1
25	***	***	***	***	***	3	0	3	2	0	0	2	***
26	2	2	0	3	2	2	0	2	3	3	5	3	2
27	2	3	3	7	5	0	3	0	0	2	3	0	2
28	2	0	0	5	2	2	2	1	1	0	2	2	2
29	0	3	2	0	2	0	0	0	0	0	0	2	1
30	3	0	3	0	2	2	0	0	0	0	2	2	1
31	2	0	3	2	0	0	3	2	3	0	2	0	1
MEAN	1	2	1	2	2	2	1	1	1	1	2	2	1.4

PERCENTAGE OF DATA VALID - 97.3

PERCENTAGE OF DATA INVALID - 2.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													
MONTH - APR 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	3	0	3	0	2	0	0	0	0	0	2	1
2	4	3	0	1	0	3	2	0	1	0	2	0	1
3	0	2	0	2	0	0	0	3	0	0	0	1	1
4	0	3	0	0	4	0	2	0	2	0	2	2	1
5	2	0	0	0	2	0	0	3	0	2	0	0	1
6	2	0	2	0	3	2	0	1	0	2	1	1	1
7	2	0	2	3	0	1	1	1	1	1	1	3	1
8	2	1	4	2	0	0	1	0	2	1	3	4	2
9	7	5	3	4	5	2	2	5	2	0	3	4	4
10	0	4	3	2	3	4	2	2	4	3	2	4	3
11	3	4	3	4	3	5	2	2	2	2	3	2	3
12	2	2	3	3	2	0	2	1	4	2	2	2	2
13	2	2	3	3	0	1	1	1	1	0	2	4	2
14	3	4	2	3	3	2	1	1	2	2	1	1	2
15	2	3	1	2	1	0	3	0	2	2	2	3	2
16	2	1	2	5	2	1	2	3	7	5	0	2	3
17	4	6	3	4	6	2	1	2	2	2	5	3	3
18	3	5	2	4	2	6	2	3	2	2	4	1	3
19	1	2	2	0	1	1	1	0	2	0	2	0	1
20	2	3	2	0	1	1	2	2	2	0	0	3	2
21	0	1	4	0	0	4	2	0	1	3	8	2	2
22	2	1	0	0	1	1	3	0	0	2	4	1	1
23	2	5	0	2	0	2	0	0	2	2	1	0	2
24	4	2	0	0	0	1	2	0	0	0	2	0	1
25	2	1	1	2	0	2	1	0	1	1	3	1	1
26	3	1	5	2	0	1	0	1	2	0	3	2	2
27	3	2	8	2	2	0	0	0	2	0	2	2	2
28	0	0	0	0	2	0	0	2	2	0	2	1	1
29	3	5	2	5	4	0	4	0	3	2	0	2	3
30	2	2	4	2	3	1	2	2	1	2	0	2	2
MEAN	2	2	2	2	2	2	1	1	2	1	2	2	1.8

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													MONTH - MAY 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	3	2	4	2	1	0	0	1	0	0	3	2	2
2	0	0	3	2	2	1	0	3	0	2	4	3	2	2
3	3	2	4	6	3	1	2	2	1	2	0	0	2	2
4	1	5	0	3	0	6	0	2	2	2	0	2	2	2
5	2	3	0	0	2	0	1	0	4	2	0	0	1	1
6	1	0	0	0	2	0	1	0	1	0	3	0	1	1
7	2	0	3	2	1	3	0	2	1	0	3	3	2	2
8	1	0	2	0	0	1	0	0	0	0	2	4	1	1
9	2	3	2	2	2	1	0	0	2	0	2	3	2	2
10	2	2	3	5	2	2	3	0	0	3	0	1	2	2
11	5	5	3	3	3	3	3	3	1	3	3	1	3	3
12	2	3	3	9	1	1	0	1	1	3	3	5	3	3
13	3	5	3	9	3	3	1	3	0	1	1	1	3	1
14	3	0	0	1	1	3	0	0	1	0	1	3	2	2
15	2	2	0	3	2	2	0	2	3	0	2	2	2	2
16	0	2	3	0	2	2	0	3	2	0	2	1	3	1
17	3	3	2	7	5	2	2	2	1	2	3	2	2	3
18	0	3	1	3	0	0	0	0	0	2	0	0	1	1
19	2	0	2	2	0	1	0	0	1	0	1	0	2	2
20	2	2	2	2	***	0	3	0	3	2	7	2	2	2
21	5	2	0	2	3	2	3	2	3	1	2	3	2	2
22	3	1	1	0	0	0	3	0	0	3	1	2	1	1
23	0	2	2	2	3	0	2	0	0	0	0	0	1	1
24	1	2	2	3	1	1	0	3	2	2	3	1	2	2
25	3	2	3	0	2	0	2	0	2	0	0	3	1	1
26	3	2	3	0	2	2	2	2	1	2	2	2	2	2
27	0	2	2	1	5	4	2	3	4	1	4	8	3	3
28	6	3	5	3	4	2	1	3	0	1	2	3	3	3
29	2	1	0	0	0	2	2	1	2	0	3	4	1	1
30	0	0	0	0	2	2	3	1	1	2	2	2	1	1
31	8	0	3	0	2	2	2	3	1	2	2	2	2	2
MEAN	2	2	2	3	2	2	1	1	1	1	2	2	1.8	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEW5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													MONTH - JUN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	1	0	1	1	0	0	2	2	1	0	2	1	1
2	2	3	2	0	2	0	0	1	0	2	3	2	1	1
3	2	0	2	3	3	2	0	2	1	0	2	2	2	2
4	2	0	0	1	1	2	0	0	0	0	2	2	1	1
5	0	2	1	3	2	0	2	0	2	2	0	3	1	1
6	1	2	1	2	2	6	3	4	0	2	1	4	3	3
7	3	2	3	2	6	1	2	1	1	0	2	2	2	2
8	2	3	3	3	3	2	3	0	2	2	2	2	2	2
9	1	0	0	3	3	3	2	0	5	3	3	1	2	2
10	0	3	2	2	3	0	2	0	2	2	2	0	1	1
11	0	2	0	3	2	2	0	2	0	1	2	0	1	1
12	1	2	0	0	0	2	1	2	0	2	2	1	2	2
13	2	2	2	3	3	0	2	2	3	0	1	3	2	2
14	2	2	1	0	2	0	0	2	4	2	1	1	2	2
15	2	0	3	0	0	0	2	5	1	2	2	2	2	2
16	0	2	2	2	4	2	2	2	3	0	2	1	1	1
17	3	2	2	2	2	0	0	0	0	2	0	0	1	1
18	0	2	0	1	3	0	0	3	1	0	2	0	2	2
19	2	0	4	0	2	2	2	2	2	1	2	3	2	2
20	0	2	2	1	2	0	2	0	2	2	2	0	1	1
21	1	2	2	2	0	4	0	1	2	1	2	2	2	2
22	3	2	3	1	3	0	2	0	2	0	3	4	2	2
23	2	1	2	2	2	1	0	2	2	1	2	3	2	2
24	4	2	1	2	2	1	0	2	2	2	2	0	2	2
25	2	0	1	2	0	0	2	0	2	0	2	2	1	1
26	0	0	1	2	0	0	0	2	2	3	0	3	1	1
27	2	0	3	4	6	1	2	3	5	0	1	3	3	3
28	0	1	2	0	6	2	2	5	0	6	0	2	2	2
29	4	0	0	0	1	2	2	0	2	3	8	2	2	2
30	2	0	3	4	0	2	2	0	2	2	5	4	2	2
MEAN	2	1	2	2	2	1	1	2	2	2	2	2	1.6	

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEW5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													
MONTH - JUL 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	3	0	2	0	3	0	3	0	2	1	1	
2	4	0	2	3	0	2	0	1	0	1	0	1	
3	1	2	0	0	2	2	1	0	1	0	1	0	
4	2	4	3	4	2	2	6	5	3	0	3	3	
5	2	4	4	2	4	0	0	2	2	1	2	4	
6	0	3	2	3	4	0	3	2	0	3	2	1	
7	2	0	1	2	0	1	1	0	1	2	4	5	
8	1	0	2	1	1	3	3	1	0	2	2	0	
9	0	2	0	2	0	0	1	1	1	0	1	0	
10	2	1	2	2	4	2	1	0	2	1	2	4	
11													
12	5	0	2	0	3	0	2	1	2	0	2	2	
13	0	1	0	0	0	2	4	0	0	0	0	2	
14	0	2	4	2	0	1	2	2	0	1	1	2	
15	1	0	0	4	1	2	2	1	0	2	2	2	
16	3	2	1	1	2	1	2	2	0	1	3	1	
17	0	2	1	5	4	3	4	0	1	2	0	2	
18	2	1	0	0	2	2	0	2	0	5	0	2	
19	4	0	1	2	4	3	2	0	1	3	2	0	
20	5	6	0	7	3	0	2	3	1	0	4	3	
21													
22	5	0	1	7	1	0	0	0	0	0	0	4	
23	2	2	3	0	3	0	0	2	0	0	3	2	
24	2	2	3	1	2	4	0	2	1	0	2	2	
25	0	2	1	2	2	2	2	2	2	2	2	2	
26	0	0	0	2	3	2	3	2	2	0	3	2	
27	5	3	2	4	3	1	1	1	2	1	0	2	
28	3	0	3	2	2	3	2	0	1	0	6	4	
29	0	2	2	2	3	1	2	2	0	2	4	3	
30	2	2	3	4	1	1	2	0	2	1	0	2	
31	2	1	2	4	2	2	0	0	2	1	2	0	
MEAN	2	2	1	2	2	2	2	1	1	1	2	2	1.7

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													
MONTH - AUG 77													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	1	0	2	1	2	0	2	1	3	1	
2	3	2	0	0	2	2	2	4	0	0	2	2	
3	2	2	0	4	2	2	0	2	2	0	2	0	
4	3	3	2	3	4	1	2	1	0	0	2	1	
5	0	0	3	0	4	1	2	0	2	2	0	0	
6	3	2	1	2	0	2	2	2	2	2	0	0	
7	0	1	0	2	0	0	2	0	2	0	1	2	
8	2	3	0	1	3	0	1	0	0	2	2	1	
9	1	0	3	2	0	2	2	2	2	4	4	4	
10	2	3	2	7	1	3	2	0	2	0	1	3	
11													
12	2	0	2	4	0	1	1	2	2	2	1	2	
13	1	0	2	4	2	2	3	0	2	0	2	0	
14	2	2	2	3	2	0	3	1	2	0	3	5	
15	2	1	1	4	1	1	0	0	2	3	2	5	
16	2	4	0	2	1	3	2	0	0	1	3	2	
17	3	1	1	2	4	2	0	3	2	0	5	2	
18	2	2	2	2	1	0	2	0	1	2	2	0	
19	3	2	2	4	0	3	2	1	0	0	0	4	
20	1	2	1	1	0	0	3	0	1	0	0	5	
21													
22	4	2	0	4	1	0	0	1	0	2	2	0	
23	0	3	2	4	6	0	0	0	0	2	2	0	
24	0	2	0	2	2	2	2	0	0	2	2	0	
25	2	3	2	2	0	2	0	2	2	2	3	1	
26	3	3	3	4	1	0	1	2	1	2	0	0	
27	2	2	2	5	6	2	5	1	0	0	2	0	
28	2	1	2	4	10	2	6	2	2	1	4	2	
29	0	0	2	0	0	1	0	1	0	2	3	1	
30	0	0	0	5	2	5	2	0	0	1	0	3	
31	0	2	2	0	1	0	0	2	0	2	0	2	
MEAN	2	2	2	3	2	2	1	1	1	1	2	2	1.6

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													MONTH - NOV 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	2	0	3	4	3	2	2	2	0	9	3	3	
2	2	1	4	6	7	2	0	0	0	6	3	3	3	
3	3	1	0	2	0	3	1	0	2	2	6	5	2	
4	2	2	1	4	2	5	3	2	2	1	0	1	2	
5	1	2	1	2	0	2	3	0	4	0	4	2	2	
6	1	2	0	2	1	2	2	0	3	2	5	9	2	
7	2	3	2	1	1	3	0	3	2	2	5	0	2	
8	0	3	2	0	0	3	2	0	0	2	2	5	2	
9	2	0	2	2	3	1	2	2	3	2	0	2	2	
10	1	2	2	2	3	0	2	2	3	2	2	2	2	
11	1	3	1	0	0	0	0	1	2	2	2	0	1	
12	0	5	1	0	2	0	2	2	2	2	2	0	2	
13	3	0	1	2	0	1	0	2	6	3	5	0	2	
14	2	2	2	0	0	3	5	0	2	2	8	3	2	
15	3	2	2	0	0	3	3	0	2	2	3	3	2	
16	3	0	3	0	4	0	2	0	2	0	2	0	1	
17	2	0	0	0	5	4	0	2	3	0	3	0	2	
18	0	0	0	0	2	0	2	0	0	3	0	3	1	
19	2	2	2	3	1	1	0	2	0	2	2	0	1	
20	0	2	2	0	0	3	1	0	2	3	1	0	1	
21	2	0	2	1	0	0	0	0	3	1	0	0	1	
22	1	2	1	2	3	0	4	1	0	4	2	0	2	
23	3	3	2	2	0	3	1	2	3	1	4	0	2	
24	2	0	0	3	3	2	0	0	0	1	0	0	1	
25	0	1	1	0	2	0	1	0	2	0	0	1	1	
26	3	1	2	0	5	1	2	2	0	3	6	2	2	
27	5	4	0	2	2	0	3	1	2	7	0	2	2	
28	2	7	5	2	2	0	2	2	2	4	9	0	3	
29	1	3	3	3	4	4	3	2	0	2	0	2	2	
30	0	0	2	0	0	2	4	0	2	0	0	0	1	
MEAN	2	2	2	2	2	2	2	1	2	2	3	2	1.8	

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ".*" INDICATES DATA IS UNAVAILABLE
 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													MONTH - DEC 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	6	0	1	3	8	3	3	2	0	2	2	0	3	
2	3	0	2	2	0	2	3	0	0	0	2	0	1	
3	2	0	0	3	0	2	2	0	0	0	2	0	1	
4	0	3	0	1	3	2	0	3	2	0	0	0	1	
5	2	5	0	1	0	1	3	1	4	5	0	2	2	
6	2	0	0	2	3	1	2	3	0	5	0	2	2	
7	1	2	0	3	0	2	3	4	0	5	0	0	2	
8	0	3	0	0	1	0	3	1	0	2	0	3	1	
9	0	0	3	0	2	4	0	3	0	3	2	2	2	
10	0	3	3	2	2	0	0	2	0	1	1	0	1	
11	2	2	2	3	0	0	4	2	0	2	5	0	2	
12	1	2	0	3	5	4	2	2	6	2	2	3	3	
13	4	6	2	5	2	6	2	7	2	4	0	3	4	
14	2	2	0	2	0	2	0	5	0	3	2	3	4	
15	5	2	1	4	9	7	11	6	2	0	3	2	4	
16	0	3	0	4	3	0	2	3	3	3	2	3	2	
17	0	3	0	0	1	3	1	2	0	2	0	2	1	
18	5	0	2	2	0	0	0	5	2	0	5	0	2	
19	2	0	0	3	0	0	3	2	6	1	2	3	2	
20	0	3	3	0	3	0	0	2	3	0	0	2	1	
21	2	0	2	0	3	0	2	0	0	3	3	3	2	
22	0	2	0	0	0	2	0	2	1	5	5	0	1	
23	3	3	0	3	0	3	2	0	1	2	0	3	2	
24	0	0	1	2	1	1	3	0	0	2	1	0	1	
25	2	2	0	2	3	0	0	2	2	0	0	2	1	
26	2	0	0	3	0	0	2	1	1	2	0	5	1	
27	2	5	0	2	0	2	2	0	3	3	5	2	2	
28	2	0	3	0	5	0	2	0	0	3	5	3	2	
29	1	2	3	3	0	3	0	2	0	1	2	2	2	
30	0	3	2	2	2	2	0	0	2	1	1	3	2	
31	2	2	1	2	0	0	2	0	1	2	3	1	1	
MEAN	2	2	1	2	2	2	2	2	1	2	2	2	1.7	

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ".*" INDICATES DATA IS UNAVAILABLE
 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 71049 LAND REG OFFICE QUEEN ST. SAULT STE MARIE													MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	1	2	2	1	1	0	2	3	0	2	4	2	2
2	0	3	2	4	1	2	0	1	4	3	3	3	2	2
3	0	3	1	2	5	0	2	1	1	4	1	5	2	2
4	0	1	2	2	4	3	1	2	2	0	2	****	2	2
5	****	****	****	-	-	0	3	0	2	3	0	0	****	2
6	3	0	0	1	5	2	2	3	0	2	2	5	2	2
7	0	2	1	0	2	0	1	3	0	0	7	2	2	2
8	0	2	2	0	2	0	0	0	2	0	5	2	1	2
9	0	2	2	4	3	0	1	1	2	3	2	0	1	2
10	2	0	2	4	0	3	2	0	0	7	8	5	3	3
11	0	3	0	9	2	5	5	2	4	5	3	7	4	4
12	3	2	3	0	2	3	0	****	****	****	****	****	****	****
13							- DATA INVALID -							
14	****	****	****	****	****	****	****	3	5	0	4	0	****	****
15	3	2	0	2	0	0	0	0	5	3	3	0	2	2
16	0	3	1	0	0	0	3	1	2	2	0	2	1	1
17	0	3	0	3	0	0	2	0	5	0	4	4	2	2
18	0	7	0	3	0	4	2	2	0	3	0	2	2	2
19	3	****	****	****	****	2	3	0	5	0	0	2	2	2
20	0	1	0	0	0	2	2	0	5	0	2	3	1	1
21	0	3	3	7	0	4	2	5	2	6	1	0	3	3
22	0	0	1	2	3	2	1	1	2	2	2	6	2	2
23	0	0	0	0	4	0	0	0	0	0	3	0	1	1
24	0	3	0	0	2	0	0	2	2	2	0	1	0	1
25	0	0	3	2	5	3	0	0	4	0	1	0	2	2
26	3	5	3	2	0	0	5	0	0	5	7	2	3	3
27	0	2	0	0	6	0	0	3	0	1	0	2	1	1
28	0	3	2	****	0	3	3	5	1	0	0	0	2	2
29	0	0	0	0	3	5	0	0	7	0	5	0	2	2
30	0	0	0	2	0	3	0	1	1	2	7	3	2	2
31	2	1	0	1	1	0	0	2	2	1	0	2	1	1
MEAN	1	2	1	2	2	2	1	1	2	2	3	2	1.8	

PERCENTAGE OF DATA VALID - 90.6

PERCENTAGE OF DATA INVALID - 8.9

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEJ5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 71049 LAND REG OFFICE QUEEN ST. SAULT STE MARIE													MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	0	0	2	4	0	3	4	3	2	2	6	2	2
2	0	0	0	0	2	0	3	2	4	9	0	2	2	2
3	0	2	1	2	0	2	3	0	0	0	2	3	1	1
4	1	1	3	0	0	7	0	5	3	2	1	2	2	2
5	0	3	7	3	5	0	0	2	5	3	7	1	3	3
6	0	2	0	2	0	0	0	0	5	1	2	3	1	1
7	0	3	0	11	7	2	2	2	0	0	1	6	3	3
8	0	2	0	4	5	0	0	0	1	1	2	2	1	1
9	0	0	2	4	1	5	1	2	2	4	0	1	2	2
10	0	0	0	1	2	1	1	6	2	4	4	4	2	2
11	5	1	3	3	3	****	****	2	2	1	2	2	2	2
12	0	2	1	2	2	1	0	1	0	0	0	5	1	1
13	3	3	2	2	2	0	2	5	0	4	0	2	2	2
14	4	0	0	5	0	3	0	2	0	3	0	3	2	2
15	1	1	2	0	0	1	2	0	0	6	2	2	1	1
16	0	0	4	2	****	2	2	0	2	4	0	9	2	2
17	0	0	0	7	1	0	5	3	1	1	5	0	2	2
18	0	2	5	0	3	3	3	2	4	1	0	0	2	2
19	3	1	0	1	1	3	2	2	0	0	3	5	2	2
20	0	1	3	5	0	0	0	0	3	0	3	2	1	1
21	0	3	0	1	7	3	0	0	0	0	0	1	1	1
22	1	0	0	0	7	0	5	0	0	5	4	3	2	2
23	1	3	0	1	0	4	1	3	0	0	1	1	1	1
24	0	0	0	3	****	0	0	0	0	1	5	0	1	1
25	0	0	0	3	0	3	0	1	3	0	2	0	1	1
26	0	1	0	3	3	0	0	0	0	0	0	0	1	1
27	0	2	0	3	1	3	0	0	0	0	0	0	1	1
28	0	3	3	0	0	3	9	0	3	0	0	0	2	2
MEAN	1	1	1	3	2	2	2	2	2	2	2	2	1.7	

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEJ5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 71049 LAND REG OFFICE QUEEN ST. SAULT STE MARIE													MONTH - MAR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	1	3	0	0	0	0	3	0	3	1	8	2	2
2	0	0	0	0	5	1	***	1	5	7	9	8	3	3
3	0	0	0	5	7	0	0	0	1	1	1	0	2	2
4	0	0	1	1	7	***	3	5	0	0	0	1	3	3
5	0	1	5	0	0	0	3	3	0	1	0	3	1	1
6	1	2	1	3	3	7	0	0	1	3	3	3	2	2
7	0	3	3	3	5	1	0	1	0	0	0	0	1	1
8	0	2	1	1	1	1	5	0	0	4	3	3	2	2
9	5	0	0	1	1	1	7	7	0	9	3	7	3	3
10	1	0	1	1	3	5	0	0	0	0	3	1	1	1
11	5	1	0	7	2	2	0	0	5	5	5	2	3	3
12	3	1	5	5	3	7	0	1	1	3	3	0	2	2
13	7	3	3	0	9	0	3	0	0	3	0	1	3	3
14	0	5	2	8	1	2	***	5	0	1	7	0	2	2
15	0	3	5	1	0	0	0	1	5	0	3	1	2	2
16	2	0	5	0	0	5	0	1	3	0	9	3	4	4
17	0	3	7	9	8	7	1	7	1	0	1	0	2	2
18	0	0	1	0	1	1	5	0	1	5	1	0	2	2
19	0	7	3	1	1	0	5	3	1	3	1	5	2	2
20	1	1	1	1	1	0	0	2	9	3	0	5	2	2
21	1	3	0	2	0	3	3	3	5	1	1	3	2	2
22	0	9	1	3	2	7	0	1	0	0	1	0	1	1
23	0	5	0	0	3	1	0	0	0	1	3	1	2	2
24	3	3	1	0	4	0	2	3	0	5	5	2	3	3
25	1	0	0	5	3	***	0	0	1	1	0	3	1	1
26	1	2	0	0	0	0	2	1	1	5	1	3	1	1
27	0	1	0	1	3	1	0	0	1	1	1	0	1	1
28	0	3	0	5	0	3	3	1	3	1	3	3	2	2
29	3	3	0	7	3	0	0	1	0	0	0	1	2	2
30	1	3	0	0	1	0	***	0	1	0	0	3	1	1
31	3	3	0	8	0	5	0	1	3	0	1	3	2	2
MEAN	1	2	2	3	2	2	2	2	2	2	2	2	2.0	2.0

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 71049 LAND REG OFFICE QUEEN ST. SAULT STE MARIE													MONTH - APR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	7	0	1	0	0	3	0	0	1	0	1	1	1
2	1	3	5	0	1	0	0	0	5	1	1	3	2	2
3	0	5	0	5	7	0	1	0	3	7	0	0	2	2
4	0	1	0	3	0	0	1	0	0	0	1	0	1	1
5	1	3	0	0	2	0	5	1	3	0	3	5	2	2
6	1	0	0	3	2	1	0	5	2	1	2	2	2	2
7	3	3	3	***	***	***	3	0	1	3	0	1	2	2
8	7	0	0	2	4	0	1	1	3	0	5	7	3	3
9	0	3	0	3	0	3	0	1	1	0	5	0	1	1
10	1	0	3	0	0	5	0	0	0	3	7	1	2	2
11	0	0	3	0	3	3	0	1	9	9	0	0	2	2
12	2	0	3	0	***	0	0	5	1	3	0	0	1	1
13	5	0	0	0	5	3	0	1	3	5	2	0	2	2
14	3	0	0	0	0	0	3	0	0	1	5	9	2	2
15	5	0	5	5	3	0	0	0	1	3	3	7	3	3
16	0	3	0	0	3	5	0	0	3	0	2	0	1	1
17	5	3	1	0	0	0	7	3	0	1	3	1	2	2
18	5	4	3	3	0	1	***	***	***	***	***	***	***	***
19							- DATA INVALID -							
20							- DATA INVALID -							
21							- DATA INVALID -							
22							- DATA INVALID -							
23							- DATA INVALID -							
24							- DATA UNAVAILABLE -							
25							- DATA UNAVAILABLE -							
26							- DATA UNAVAILABLE -							
27							- DATA UNAVAILABLE -							
28							- DATA UNAVAILABLE -							
29							- DATA UNAVAILABLE -							
30							- DATA UNAVAILABLE -							
MEAN	2	2	1	1	2	1	1	1	2	2	2	2	1.8	1.8

PERCENTAGE OF DATA VALID - 57.2

PERCENTAGE OF DATA INVALID - 17.8

PERCENTAGE OF DATA UNAVAILABLE - 25.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 71049 LAND REG OFFICE QUEEN ST. SAULT STE MARIE													MONTH - MAY 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1													- DATA UNAVAILABLE -	
2													- DATA UNAVAILABLE -	
3													- DATA UNAVAILABLE -	
4													- DATA UNAVAILABLE -	
5													- DATA UNAVAILABLE -	
6													- DATA UNAVAILABLE -	
7													- DATA UNAVAILABLE -	
8													- DATA UNAVAILABLE -	
9													- DATA UNAVAILABLE -	
10													- DATA UNAVAILABLE -	
11													- DATA UNAVAILABLE -	
12													- DATA UNAVAILABLE -	
13													- DATA UNAVAILABLE -	
14													- DATA UNAVAILABLE -	
15													- DATA UNAVAILABLE -	
16													- DATA UNAVAILABLE -	
17	-	-	-	-	-	-	-	0	1	3	0	3	*****	
18	0	5	3	5	5	0	1	1	3	1	1	7	3	
19	0	3	0	1	5	3	5	0	1	0	3	1	2	
20	0	5	1	2	0	1	5	0	3	0	4	7	2	
21	1	1	0	1	3	1	3	0	3	1	1	1	1	
22	0	3	0	1	1	3	1	5	11	3	1	5	3	
23	1	0	3	1	3	2	0	1	0	0	1	3	1	
24	0	5	3	0	0	0	0	1	0	0	5	3	1	
25	0	0	1	3	0	1	0	3	3	1	3	3	2	
26	0	1	2	7	1	1	1	1	0	5	3	7	2	
27	5	3	5	9	9	0	2	3	1	1	3	3	4	
28	5	1	5	3	3	5	5	1	0	1	0	5	3	
29	0	1	0	1	1	0	3	0	0	1	0	3	1	
30	0	0	1	0	3	0	1	1	1	0	2	3	1	
31													- DATA UNAVAILABLE -	
MEAN	1	2	2	3	3	1	2	1	2	1	2	4	2.0	

PERCENTAGE OF DATA VALID - 43.5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 56.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 71049 LAND REG OFFICE QUEEN ST. SAULT STE MARIE													MONTH - JUN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	1	0	0	1	****	0	5	1	1	5	2	
2	3	1	7	0	3	0	5	1	0	1	1	0	2	
3	1	0	5	1	1	0	0	1	1	0	0	5	1	
4	1	1	2	0	9	1	1	0	0	3	0	0	2	
5	0	3	1	3	3	5	1	3	0	0	0	3	2	
6	1	3	2	2	1	0	3	0	5	0	7	0	2	
7	3	0	1	0	1	1	1	1	3	5	3	1	2	
8	1	3	0	5	3	1	3	1	0	1	0	3	2	
9	0	3	5	2	3	0	0	0	1	1	1	7	2	
10	0	3	7	3	1	0	0	0	1	0	3	3	2	
11	1	5	7	5	9	1	5	1	2	1	5	1	4	
12	0	0	0	7	0	2	1	1	5	0	3	0	2	
13	1	1	1	1	0	****	****	4	2	1	2	0	1	
14	0	2	5	6	0	0	0	1	3	0	1	0	2	
15	0	2	2	4	2	0	0	0	4	0	3	2	2	
16	0	0	2	3	1	0	2	0	1	2	3	7	2	
17	2	0	2	1	1	3	3	0	0	3	3	7	2	
18	5	0	0	1	0	1	0	2	2	2	6	7	2	
19	1	1	2	2	7	2	4	1	0	0	0	2	2	
20	2	1	3	0	0	3	5	1	0	0	2	2	2	
21	5	4	1	0	0	0	4	2	0	0	1	2	2	
22	3	5	4	1	1	1	0	1	4	2	1	3	2	
23	2	3	4	2	0	0	1	2	5	3	1	2	2	
24	2	1	2	2	4	2	2	0	2	8	1	0	2	
25	0	1	6	2	4	1	2	0	3	6	4	1	3	
26	0	0	2	1	4	0	0	2	0	2	2	0	1	
27	0	0	2	3	2	4	4	0	2	1	4	0	2	
28	0	0	0	4	3	2	3	0	0	2	6	2	2	
29	0	1	2	0	3	3	2	2	0	1	2	6	2	
30	8	0	0	0	0	3	2	0	1	0	4	2	2	
MEAN	1	2	3	2	2	1	2	1	2	2	2	2	1.8	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - NE NO 71049 LAND REG OFFICE QUEEN ST. SAULT STE MARIE													MONTH - JUL 77
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	0	1	0	0	4	1	0	0	0	4	1
2	0	4	0	1	0	1	1	2	2	4	2	0	1
3	2	1	2	1	0	0	2	1	3	5	2	0	2
4	2	3	2	2	2	0	0	2	2	2	9	6	3
5	1	4	3	6	4	0	2	1	1	4	0	2	2
6	0	0	1	2	4	1	0	1	0	2	3	2	1
7	2	0	0	4	2	-	-	-	-	-	-	-	*****
8	-	-	-	-	-	0	0	2	5	2	2	4	*****
9	2	7	4	2	2	3	1	0	5	2	1	0	2
10	3	1	1	0	3	0	0	2	2	1	0	1	1
11	0	0	2	2	0	0	2	0	2	1	2	4	1
12	0	0	0	2	5	6	2	0	3	0	9	4	3
13	4	2	1	1	3	2	5	3	2	0	2	4	2
14	4	1	3	1	0	2	5	6	0	3	0	0	3
15	2	5	5	2	0	1	2	4	6	3	0	0	3
16	2	3	9	7	2	0	2	1	1	4	4	6	2
17	0	1	3	2	2	3	1	0	2	2	6	6	2
18	1	0	0	5	4	2	2	0	1	1	3	0	2
19	0	3	0	2	2	7	2	1	0	2	2	3	3
20	4	1	3	1	2	7	8	2	1	2	3	3	3
21	8	6	2	0	0	0	1	2	0	0	1	2	2
22	4	10	3	0	0	2	0	3	3	0	0	2	2
23	4	2	8	2	0	0	1	0	2	3	0	3	2
24	0	4	7	2	0	2	0	1	6	2	0	2	2
25	0	4	2	2	2	4	0	0	1	5	2	0	2
26	0	1	2	2	4	3	5	2	2	0	3	5	2
27	0	1	0	0	0	2	3	6	0	0	2	4	2
28	1	2	3	1	2	2	4	3	7	2	0	0	3
29	3	6	0	2	0	0	1	2	4	-	-	-	1
30	2	2	0	2	0	0	1	2	-	-	-	-	-
31	- DATA UNAVAILABLE -												-
MEAN	2	3	2	2	2	2	2	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 92.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 7.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEW3 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - NE NO 71049 LAND REG OFFICE QUEEN ST. SAULT STE MARIE													MONTH - AUG 77
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	- DATA UNAVAILABLE -												-
2	- DATA UNAVAILABLE -												-
3	- DATA UNAVAILABLE -												-
4	-	-	-	-	-	-	-	-	0	2	2	0	*****
5	3	3	0	0	2	3	5	1	5	2	5	2	3
6	0	0	2	7	2	3	2	3	2	2	0	0	2
7	2	0	1	1	0	3	1	3	0	3	2	2	2
8	2	0	3	2	3	1	0	1	3	2	2	3	2
9	3	2	3	5	5	0	2	2	0	2	5	0	2
10	2	3	1	0	2	0	3	0	2	2	3	2	2
11	2	5	3	1	2	1	2	0	2	1	6	2	2
12	3	3	1	3	0	0	2	0	2	2	0	0	1
13	2	1	2	2	0	0	4	3	0	1	2	4	2
14	4	0	3	1	2	3	0	2	0	0	1	2	2
15	0	6	5	3	0	3	0	2	0	0	5	2	2
16	0	4	2	0	1	3	0	2	3	2	2	2	2
17	1	3	4	3	3	2	0	1	2	5	2	0	2
18	2	2	5	2	0	2	0	1	2	2	3	4	2
19	2	2	4	4	5	0	0	2	3	4	2	3	3
20	2	5	3	2	4	1	0	2	1	4	1	1	2
21	2	0	0	2	2	2	2	0	2	1	2	3	2
22	1	2	3	1	2	2	0	3	3	4	5	11	3
23	7	3	0	3	3	3	2	2	1	2	2	0	2
24	2	5	5	7	2	0	2	2	2	3	3	2	3
25	4	2	0	2	3	2	2	2	0	0	0	4	2
26	0	1	3	0	2	2	0	3	3	2	8	0	2
27	2	3	5	1	6	0	0	1	3	2	5	3	2
28	0	4	0	3	5	0	0	0	1	7	0	3	2
29	3	2	2	0	2	2	2	2	0	1	0	2	1
30	1	2	2	0	1	0	1	1	3	0	1	2	-
31	0	2	2	0	3	5	0	3	6	2	3	2	2
MEAN	2	2	2	2	2	2	1	2	2	2	3	2	2.0

PERCENTAGE OF DATA VALID - 88.2 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 11.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEW3 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 71049 LAND REG OFFICE QUEEN ST. SAULT STE MARIE													MONTH - SEP 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	6	0	0	0	0	2	2	2	2	2	2	2
2	0	0	6	3	5	0	7	1	0	3	0	2	2	2
3	2	2	0	3	0	2	0	0	2	3	0	0	1	1
4	2	0	0	2	3	0	2	6	3	2	0	4	2	2
5	3	2	0	2	0	2	0	3	0	5	0	0	1	1
6	0	0	4	2	0	3	3	0	0	2	5	0	2	2
7	4	0	2	0	2	0	0	2	3	2	3	2	2	2
8	3	2	9	0	0	0	0	0	0	2	0	0	2	2
9	2	2	3	0	2	0	0	2	2	0	0	0	1	1
10	2	4	0	0	2	2	2	1	0	0	3	2	2	2
11	2	3	0	5	3	0	2	0	1	5	0	0	2	2
12	0	0	4	2	2	2	3	1	0	0	2	2	2	2
13	0	0	4	0	1	4	2	0	3	1	3	3	2	2
14	3	5	7	0	2	2	0	0	5	2	5	2	3	3
15	2	0	2	3	0	1	2	2	0	2	0	4	2	2
16	0	3	0	2	2	3	0	3	2	2	0	2	2	2
17	0	2	4	3	2	2	2	3	2	3	2	4	2	2
18	0	2	3	0	5	3	3	2	5	0	3	3	2	2
19	2	2	2	2	0	3	2	2	0	2	2	3	2	2
20	0	7	2	0	4	0	2	2	2	4	5	2	3	3
21	0	3	3	0	5	0	3	0	2	4	3	2	2	2
22	0	1	0	2	2	0	3	0	0	4	-	-	1	1
23	-	-	-	-	-	0	0	2	2	1	6	4	*****	2
24	3	5	0	2	3	2	4	0	1	2	2	0	2	2
25	2	1	0	2	1	2	0	0	1	1	1	3	1	1
26	5	5	2	4	3	3	3	1	1	6	7	5	4	4
27	10	3	3	2	2	5	0	5	0	1	2	2	2	2
28	0	1	0	11	3	2	2	2	3	2	4	4	3	3
29	8	2	7	0	2	2	4	1	1	3	3	0	2	2
30	1	4	3	0	3	2	4	1	1	3	3	0	2	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2.0	

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. - - - INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEJ5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 71049 LAND REG OFFICE QUEEN ST. SAULT STE MARIE													MONTH - OCT 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	2	2	0	1	0	0	4	4	6	2	2	2
2	0	4	0	0	3	2	0	1	1	3	4	3	2	2
3	7	6	0	5	2	3	0	0	0	3	3	7	3	3
4	5	3	0	3	4	5	0	1	4	3	2	7	3	3
5	2	5	2	0	0	3	16	0	3	5	11	5	4	4
6	3	2	2	2	2	0	3	0	2	2	0	7	2	2
7	0	1	6	0	1	1	0	5	0	2	4	0	2	2
8	0	2	0	4	2	2	0	3	0	2	0	2	1	1
9	0	2	3	2	3	3	2	7	0	2	0	2	2	2
10	2	3	9	3	4	2	0	0	2	0	5	0	3	3
11	2	0	2	2	3	1	2	0	4	2	0	3	2	2
12	0	2	4	6	2	0	2	7	6	3	6	0	3	3
13	2	0	5	1	0	0	7	2	0	0	3	1	2	2
14	4	0	0	5	0	5	3	5	0	3	3	7	3	3
15	2	2	5	0	2	1	3	2	1	6	0	7	2	2
16	4	0	2	2	3	0	2	0	0	3	5	0	3	3
17	2	4	5	4	4	0	4	0	3	2	3	0	3	3
18	3	3	0	3	0	3	0	1	2	6	5	3	2	2
19	2	6	6	6	9	6	0	0	1	2	2	10	4	4
20	3	8	5	0	3	1	6	2	3	1	3	6	3	3
21	2	2	7	4	7	7	2	11	3	5	3	0	4	4
22	0	3	0	0	2	3	2	3	2	5	1	2	2	2
23	0	2	2	1	0	0	0	3	2	0	2	2	1	1
24	2	3	0	2	2	4	2	2	3	0	0	2	2	2
25	3	0	3	2	4	0	7	3	7	4	4	1	3	3
26	0	5	0	3	2	0	2	2	0	4	0	7	2	2
27	6	3	0	3	2	2	3	3	12	3	3	7	4	4
28	3	2	4	2	8	2	5	8	5	2	3	6	4	4
29	5	6	3	5	2	1	2	2	0	2	0	2	3	3
30	2	2	2	3	3	0	3	2	2	0	3	0	2	2
31	2	0	3	0	2	0	2	2	3	2	0	5	2	2
MEAN	2	3	3	2	3	2	3	2	2	3	3	3	2.6	

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. - - - INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LEJ5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 71049 LAND REG OFFICE QUEEN ST. SAULT STE MARIE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	27	1.8	4	9
FEB	28	1.7	3	11
MAR	31	2.0	4	11
APR	17	1.8	3	9
MAY	13	2.0	4	11
JUN	30	1.8	4	9
JUL	28	2.0	3	10
AUG	27	2.0	3	11
SEP	29	2.0	4	11
OCT	31	2.6	4	16
NOV	10	1.9	3	10
DEC	31	2.7	5	19
YEAR	302	2.1	5	19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 71049 LAND REG OFFICE QUEEN ST. SAULT STE MARIE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	302	35	0	0	0	0	0	337
FEB	299	32	1	0	0	0	0	332
MAR	303	63	1	0	0	0	0	367
APR	174	32	0	0	0	0	0	206
MAY	136	25	1	0	0	0	0	162
JUN	317	40	0	0	0	0	0	357
JUL	308	37	0	0	0	0	0	345
AUG	298	29	1	0	0	0	0	328
SEP	318	34	1	0	0	0	0	353
OCT	303	65	3	1	0	0	0	372
NOV	109	15	0	0	0	0	0	124
DEC	303	62	6	1	0	0	0	372
YEAR	3170	469	14	2	0	0	0	3655

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
83.4	0	0.0	0.0	1.3	2.3	4.5	5.8	7.0	8.5	19	2.1

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 75020 TEACHERS COLLEGE 1ST AVE NORTH BAY														MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	0	0	2	2	0	2	1	0	4	0	7	2		
2	0	0	0	1	4	0	0	0	2	9	11	6	3		
3	0	2	4	3	4	2	2	3	4	3	5	1	3		
4	0	3	2	2	3	1	3	1	0	5	1	7	2		
5	2	2	4	3	19	11	4	1	2	8	6	6	6		
6	1	0	0	2	0	1	0	2	1	3	2	3	1		
7	2	2	2	2	2	2	2	0	4	2	3	4	2		
8	5	2	2	0	2	0	4	0	1	7	2	0	2		
9	0	2	0	2	3	2	1	0	4	8	2	3	2		
10	0	2	1	4	2	3	2	2	1	1	0	2	2		
11	0	3	0	2	0	2	0	4	0	2	3	8	2		
12	4	0	5	8	10	2	2	2	2	4	17	9	5		
13	5	5	4	1	11	2	10	6	6	3	0	0	4		
14	0	4	2	0	0	4	0	6	2	1	0	4	2		
15	3	4	2	0	2	3	0	1	2	1	2	0	1		
16	0	1	0	3	2	2	1	0	0	0	0	0	1		
17	1	0	4	6	0	0	3	3	3	6	2	2	3		
18	0	4	0	2	1	4	7	1	2	0	2	0	2		
19	0	2	1	1	0	0	***	0	3	5	0	0	1		
20	0	0	7	9	0	2	0	4	13	23	15	9	7		
21	4	4	2	0	0	1	2	2	2	0	0	2	2		
22	2	2	1	2	3	0	0	1	5	2	5	4	2		
23	5	3	3	1	0	0	1	1	4	1	2	2	2		
24	2	1	3	0	2	6	7	3	7	7	4	2	4		
25	2	5	1	2	4	0	4	6	2	3	0	2	3		
26	0	1	3	3	***	***	0	2	6	3	2	0	2		
27	0	2	1	3	0	0	2	1	1	0	0	3	1		
28	0	0	0	0	2	0	5	8	1	5	0	1	2		
29	0	1	2	0	2	4	2	0	3	1	4	0	2		
30	0	1	1	2	0	0	0	5	7	0	0	0	1		
31	0	0	2	0	2	0	1	0	0	0	5	1	1		
MEAN	1	2	2	2	3	2	2	2	3	4	3	3	2.4		

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LEJ5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 75020 TEACHERS COLLEGE 1ST AVE NORTH BAY														MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	2	0	2	2	0	0	2	2	2	5	10	2		
2	2	3	2	4	2	2	0	3	3	2	3	2	2		
3	0	1	4	2	8	2	2	0	4	2	2	2	2		
4	1	2	6	4	4	4	2	1	6	3	1	1	3		
5	2	2	6	4	0	2	0	0	0	1	0	1	2		
6	0	3	1	0	4	2	3	2	2	0	0	3	2		
7	0	7	2	1	12	1	2	2	1	3	6	15	4		
8	3	1	1	2	6	2	0	4	2	6	2	2	3		
9	0	6	1	2	3	5	4	4	1	4	2	4	3		
10	2	5	2	6	6	4	6	0	4	3	0	4	4		
11	0	8	8	6	6	1	6	4	9	8	10	7	6		
12	1	4	4	0	4	1	2	0	4	0	5	2	2		
13	0	2	4	0	3	0	4	1	5	0	3	0	2		
14	1	0	1	0	3	3	0	2	0	6	0	4	2		
15	0	3	0	3	0	0	2	3	0	2	2	0	1		
16	3	9	3	3	7	2	3	3	2	2	2	2	4		
17	3	2	0	5	7	0	7	0	2	3	2	11	4		
18	0	7	0	5	0	5	0	3	11	2	0	0	3		
19	0	1	3	3	0	1	0	1	1	0	2	0	1		
20	0	0	5	0	2	3	0	2	1	2	0	3	2		
21	0	3	0	0	2	2	0	0	7	2	1	2	2		
22	2	11	0	5	2	2	0	2	1	3	2	3	3		
23	0	0	2	2	0	0	3	5	0	2	0	2	1		
24	0	3	2	3	2	3	5	2	3	3	0	2	2		
25	0	2	0	3	1	1	1	3	0	4	3	0	2		
26	2	4	2	2	5	0	1	0	2	3	2	4	2		
27	3	0	3	3	3	0	4	0	4	2	3	0	2		
28	0	2	0	3	2	3	0	2	0	2	0	6	2		
MEAN	1	3	2	2	4	2	2	2	2	3	2	3	2.4		

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LEJ5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 75020 TEACHERS COLLEGE 1ST AVE NORTH BAY													MONTH - MAR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	0	2	4	5	3	4	2	1	1	2	2	2
2	1	0	3	6	2	***	2	2	2	3	2	1	2	2
3	0	3	7	11	2	2	0	5	8	0	1	2	2	4
4	0	2	2	1	0	2	2	0	2	2	2	2	2	1
5	1	1	2	2	3	3	0	3	1	0	3	2	2	1
6	0	1	0	0	0	2	2	0	3	1	2	3	2	1
7	0	2	1	0	0	0	2	0	2	2	0	11	2	2
8	5	4	7	7	3	2	2	4	3	5	7	7	5	5
9	1	3	9	5	5	2	0	4	2	3	4	2	3	3
10	3	5	13	7	7	0	3	2	4	8	13	17	7	7
11	6	8	3	7	7	2	2	1	3	8	6	7	5	5
12	3	4	1	2	2	2	5	3	0	5	2	5	3	3
13	1	1	2	0	2	0	2	4	3	9	9	9	4	4
14	7	5	2	3	2	0	4	2	4	3	5	2	3	3
15	0	3	0	4	0	1	0	0	2	5	0	2	1	1
16	0	0	3	3	2	3	0	1	2	0	0	0	1	1
17	0	1	0	0	3	2	0	3	0	***	***	***	1	1
18	- DATA INVALID -													
19	- DATA INVALID -													
20	- DATA INVALID -													
21	***	***	***	***	***	***	***	***	***	***	0	4	*****	*****
22	0	0	3	4	0	3	3	2	0	1	0	3	2	2
23	0	5	6	2	2	5	0	3	0	2	2	1	2	2
24	0	0	2	3	0	0	2	2	2	2	4	2	2	2
25	0	0	2	3	0	5	0	2	2	0	2	0	1	1
26	0	2	3	1	3	0	0	0	0	0	5	6	2	2
27	3	5	0	2	2	3	2	0	0	0	2	9	2	2
28	0	3	0	2	0	3	3	2	4	0	1	2	2	2
29	2	0	2	2	2	3	3	4	2	0	3	0	2	2
30	3	5	1	2	1	1	3	3	2	0	0	2	2	2
31	0	0	3	0	1	1	0	2	3	0	6	1	1	1
MEAN	1	2	3	3	2	2	2	2	2	2	3	4	2.4	

PERCENTAGE OF DATA VALID - 86.6

PERCENTAGE OF DATA INVALID - 13.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 75020 TEACHERS COLLEGE 1ST AVE NORTH BAY													MONTH - APR 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	2	3	0	2	0	0	4	0	9	2	2	2
2	2	0	3	2	0	2	0	0	1	2	0	1	1	1
3	1	0	2	0	0	1	2	2	0	3	2	2	1	1
4	0	3	4	0	2	0	0	3	0	0	0	0	1	1
5	0	0	2	0	3	0	2	2	0	3	0	2	1	1
6	0	0	1	2	5	2	2	0	2	0	2	3	2	2
7	0	0	5	3	4	0	2	3	0	2	2	3	2	2
8	1	1	1	2	0	2	0	2	0	2	0	4	1	1
9	0	2	2	3	0	1	4	2	5	0	2	1	2	2
10	1	3	2	3	0	2	0	2	2	3	3	0	2	2
11	3	0	3	3	5	0	1	2	4	2	5	2	3	3
12	0	2	2	1	0	0	0	0	2	2	5	0	1	1
13	0	2	3	4	4	4	2	0	1	2	5	0	3	3
14	0	3	0	0	1	0	2	3	1	1	0	2	1	1
15	2	2	5	3	0	2	0	2	0	4	2	0	2	2
16	0	9	2	0	5	0	3	0	5	0	2	0	2	2
17	0	2	0	3	4	1	2	0	2	4	6	2	2	2
18	2	***	3	2	2	0	2	2	3	0	6	0	2	2
19	3	2	3	2	0	3	0	0	3	0	3	3	2	2
20	0	3	3	5	2	2	2	0	3	3	7	6	3	3
21	0	5	3	3	3	3	2	2	3	2	2	5	3	3
22	1	0	3	0	2	2	1	0	0	0	3	1	1	1
23	0	3	0	0	3	0	0	3	0	***	-	-	1	1
24	- DATA UNAVAILABLE -													
25	-	-	-	-	-	-	2	3	1	0	0	2	*****	*****
26	0	3	5	1	0	3	0	0	2	2	0	0	1	1
27	0	1	1	1	2	2	1	0	1	2	0	0	1	1
28	0	2	0	3	3	0	0	2	1	2	1	3	1	1
29	0	0	2	0	0	3	0	0	3	0	0	1	1	1
30	2	2	2	0	0	3	0	0	2	0	2	7	2	2
MEAN	1	2	2	2	2	1	1	1	2	1	3	2	1.6	

PERCENTAGE OF DATA VALID - 93.9

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 5.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 75020 TEACHERS COLLEGE 1ST AVE NORTH BAY													MONTH - MAY 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	3	2	4	1	4	2	0	5	0	0	2	
2	0	0	3	2	2	2	0	1	2	0	2	1	1	
3	0	2	0	2	2	2	0	2	0	0	2	2	1	
4	0	3	0	2	0	1	2	2	3	1	2	0	1	
5	0	3	2	2	0	3	0	2	2	0	0	2	2	
6	0	2	2	2	2	0	5	2	2	0	1	2	1	
7	0	2	1	0	0	2	2	0	2	2	2	2	1	
8	0	2	0	0	0	0	2	2	2	0	3	2	1	
9	0	0	2	2	0	1	0	0	0	0	4	0	1	
10	3	0	0	0	3	0	2	0	1	2	4	0	1	
11	0	0	2	3	2	0	1	0	2	0	2	2	1	
12	2	2	0	2	2	2	2	0	3	0	2	0	1	
13	0	2	0	3	0	1	1	2	2	0	2	1	1	
14	0	1	3	0	2	0	2	1	2	2	2	0	1	
15	2	3	0	2	0	2	3	0	3	0	2	0	1	
16	0	2	2	2	0	0	0	2	0	3	0	3	1	
17	0	3	2	0	2	0	5	1	2	2	2	3	2	
18	1	0	0	0	0	0	0	0	1	0	0	3	0	
19	2	0	0	0	0	0	0	0	1	4	2	3	1	
20	2	2	2	0	2	2	4	0	2	2	1	2	2	
21	1	2	0	2	1	2	2	4	1	1	3	4	2	
22	0	2	2	2	3	3	3	0	2	2	2	0	2	
23	2	0	3	4	2	2	2	2	1	1	2	2	2	
24	0	4	3	3	3	0	0	3	0	1	2	1	2	
25	2	0	2	4	0	2	0	2	0	1	1	1	1	
26	0	2	0	3	2	0	0	1	2	2	2	3	1	
27	0	3	2	2	3	0	3	2	0	2	2	5	2	
28	0	1	2	0	2	0	1	2	0	0	2	0	1	
29	0	0	2	2	0	0	1	0	4	0	2	2	1	
30	2	2	2	0	0	2	0	2	0	3	3	2	2	
31	0	2	2	0	0	3	0	3	0	0	2	1	1	
MEAN	1	2	1	2	1	1	2	1	1	1	2	2	1.4	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 75020 TEACHERS COLLEGE 1ST AVE NORTH BAY													MONTH - JUN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	2	2	0	1	0	0	0	1	0	2	1	
2	2	0	3	0	0	2	1	0	2	1	2	2	1	
3	0	5	0	0	2	1	1	3	0	0	0	2	1	
4	0	2	2	0	0	2	2	2	1	2	2	0	1	
5	0	2	1	2	0	0	2	1	0	2	2	0	1	
6	0	2	0	1	0	0	0	1	2	2	0	0	1	
7	0	1	3	0	2	0	0	0	2	2	2	0	1	
8	0	2	1	2	2	2	0	0	2	2	0	0	1	
9	0	0	0	****	****	****	0	2	0	0	2	2	1	
10	0	0	0	2	1	0	3	0	0	3	3	5	1	
11	1	4	1	0	2	3	3	0	0	0	2	3	2	
12	0	2	0	2	0	1	3	1	2	1	0	0	1	
13	0	1	4	0	1	2	0	2	2	2	0	0	1	
14	0	3	1	1	2	0	2	0	2	2	0	0	1	
15	0	5	1	2	2	0	2	0	3	2	2	0	2	
16	0	2	3	2	1	0	0	2	0	2	3	2	1	
17	0	0	2	4	3	2	0	2	2	2	3	0	2	
18	0	0	2	0	3	2	0	0	3	0	3	3	1	
19	2	0	0	0	0	2	0	1	0	0	2	0	1	
20	0	4	0	0	0	2	2	2	2	0	0	2	1	
21	0	2	2	0	2	0	2	1	2	0	0	0	1	
22	0	2	0	1	0	0	0	3	0	0	2	0	1	
23	1	3	1	3	2	0	2	0	3	2	2	2	2	
24	0	1	2	2	2	1	1	2	1	3	2	0	1	
25	0	3	0	0	2	2	0	2	1	2	1	1	1	
26	0	0	1	0	0	2	0	2	1	0	0	2	1	
27	0	0	3	0	2	1	2	2	0	0	3	2	1	
28	0	1	0	0	4	2	0	1	0	0	2	0	1	
29	0	2	0	1	0	2	2	0	0	0	1	0	1	
30	1	2	2	0	0	1	2	3	0	1	2	0	1	
MEAN	0	2	1	1	1	1	1	1	1	1	1	1	1.1	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 75020 TEACHERS COLLEGE 1ST AVE NORTH BAY													MONTH - JUL 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	0	2	0	0	2	2	0	2	0	0	1	
2	0	2	0	2	0	0	0	3	1	2	1	0	1	
3	0	0	2	0	1	1	0	1	0	2	2	0	1	
4	0	2	0	2	1	0	2	0	0	3	2	2	1	
5	0	0	0	1	2	0	2	0	0	0	0	2	1	
6	0	2	0	0	0	2	2	0	0	0	0	2	1	
7	0	1	2	0	0	***	0	2	0	0	0	0	1	
8	0	0	0	0	2	0	0	5	3	0	0	5	1	
9	0	0	3	0	0	0	4	0	2	0	0	2	1	
10	0	0	0	2	1	2	2	0	2	0	2	0	1	
11	0	0	3	0	2	0	0	1	2	0	2	0	1	
12	0	0	0	2	3	1	2	2	0	9	0	2	2	
13	0	0	2	0	0	1	7	0	0	3	2	0	1	
14	0	3	0	2	1	1	0	2	0	2	0	1	1	
15	0	1	3	0	2	2	0	2	0	5	2	3	2	
16	2	0	2	0	2	0	0	0	0	2	0	0	1	
17	0	0	2	0	3	0	1	2	2	0	2	0	1	
18	0	3	0	5	0	0	3	0	0	2	0	0	1	
19	0	0	3	0	0	0	1	2	2	0	1	0	1	
20	0	0	2	2	0	2	2	1	0	0	2	4	1	
21	0	2	1	1	4	6	3	2	3	0	1	0	2	
22	0	6	0	1	3	0	2	0	4	0	1	7	2	
23	0	2	0	0	2	2	2	0	0	2	0	0	1	
24	1	1	0	7	1	1	0	3	2	1	0	0	1	
25	0	2	2	3	2	0	0	0	0	3	0	2	1	
26	0	0	0	0	0	0	0	0	0	0	0	4	1	
27	1	2	2	0	2	0	0	3	2	0	2	0	1	
28	0	4	0	3	0	2	0	0	4	0	0	2	1	
29	0	1	0	2	5	2	4	2	2	3	3	4	2	
30	0	0	0	0	0	1	1	0	2	4	0	0	1	
31	0	2	0	2	0	0	2	2	2	2	2	0	1	
MEAN	0	1	1	1	1	1	1	1	1	1	1	1	1.1	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 75020 TEACHERS COLLEGE 1ST AVE NORTH BAY													MONTH - AUG 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	1	0	0	2	2	2	1	3	0	0	0	1	
2	0	3	1	0	2	3	1	2	2	0	0	1	1	
3	0	2	0	2	***	0	2	0	3	1	0	0	1	
4	0	0	3	0	5	0	0	2	0	2	3	1	1	
5	3	0	3	2	0	0	0	3	0	0	0	0	1	
6	0	2	0	0	0	3	0	2	0	0	2	2	1	
7	0	4	0	3	2	0	2	0	2	2	0	3	1	
8	0	3	0	3	0	2	0	2	2	2	2	0	1	
9	0	1	4	3	0	0	0	0	0	2	2	2	1	
10	0	3	0	4	0	0	0	1	0	2	0	3	1	
11	0	2	0	2	0	2	4	2	0	5	0	2	2	
12	0	0	2	2	0	3	0	3	0	0	3	0	1	
13	0	2	0	0	0	3	0	3	0	3	0	3	1	
14	0	3	0	0	3	0	2	0	0	1	0	1	1	
15	2	0	3	2	0	2	1	0	0	2	0	2	1	
16	0	2	0	0	0	0	0	3	0	0	2	3	1	
17	0	0	5	1	0	0	5	0	0	0	3	2	1	
18	0	0	0	0	***	2	2	0	3	0	3	2	1	
19	0	1	2	0	2	0	3	2	0	1	0	2	1	
20	0	1	1	2	0	1	1	2	2	0	0	2	1	
21	0	2	2	1	0	1	0	2	1	6	0	2	1	
22	0	0	1	4	0	0	0	2	0	2	0	3	1	
23	0	2	2	2	0	2	0	1	2	0	0	1	1	
24	0	3	0	0	5	1	2	2	2	3	2	2	2	
25	***	***	***	***	***	***	***	1	1	2	10	8	***	
26	0	2	2	3	2	0	0	2	2	1	5	0	2	
27	0	2	7	2	2	2	5	0	5	2	0	3	3	
28	2	3	3	2	2	2	0	2	0	2	0	3	2	
29	0	0	1	2	0	2	0	2	0	0	3	0	1	
30	2	0	3	0	3	0	0	2	0	1	3	3	1	
31	0	3	2	3	2	0	2	3	4	0	7	2	2	
MEAN	0	2	2	1	1	1	1	2	1	1	1	2	1.3	

PERCENTAGE OF DATA VALID - 97.6

PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 75020 TEACHERS COLLEGE 1ST AVE NORTH BAY													MONTH - NOV 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	3	3	6	6	2	5	7	5	0	5	0	4	
2	1	1	5	3	3	3	2	4	5	7	0	2	3	
3	0	5	3	2	3	2	1	5	2	3	0	2	3	
4	2	3	0	3	0	2	0	3	5	5	3	5	3	
5	0	2	0	3	0	0	2	2	2	0	2	0	2	
6	0	2	0	4	1	2	2	2	2	0	3	2	2	
7	0	2	0	3	0	2	3	2	5	2	2	2	2	
8	0	2	2	0	5	2	3	5	3	0	3	1	2	
9	0	2	0	0	3	0	3	2	0	2	0	2	1	
10	0	0	3	2	3	5	4	2	3	0	0	0	2	
11	2	4	0	2	0	3	0	2	2	2	3	2	2	
12	0	2	2	2	1	2	2	0	2	1	2	2	2	
13	1	1	0	2	2	0	2	1	5	3	4	3	2	
14	2	0	5	15	4	4	2	4	3	2	0	2	4	
15	0	2	3	3	4	6	3	3	6	4	5	2	3	
16	5	6	3	3	5	5	5	0	3	3	3	3	4	
17	3	2	2	4	2	3	0	2	3	5	11	5	4	
18	5	5	0	2	2	1	3	2	2	2	2	1	2	
19	0	2	2	1	5	3	2	3	0	1	2	2	2	
20	3	6	0	0	2	2	2	2	2	2	0	0	2	
21	2	3	3	3	0	2	2	1	2	0	0	1	2	
22	0	2	1	3	3	2	2	2	2	4	1	1	2	
23	0	2	1	3	0	3	0	3	3	2	0	2	2	
24	2	2	3	3	1	***	0	7	0	0	0	5	2	
25	0	3	2	7	2	0	2	3	0	3	2	2	2	
26	0	1	2	3	0	3	0	0	0	2	3	0	1	
27	0	2	0	6	0	2	2	2	8	5	0	2	2	
28	1	0	3	2	3	2	0	2	3	15	9	11	4	
29	0	2	2	6	5	1	2	6	3	3	2	4	3	
30	0	6	3	5	11	3	2	2	5	3	0	2	4	
MEAN	1	3	2	3	3	2	2	3	3	3	2	2	2.4	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 75020 TEACHERS COLLEGE 1ST AVE NORTH BAY													MONTH - DEC 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	1	2	2	0	***	3	2	2	0	0	3	2	
2	0	0	3	0	0	2	0	6	3	0	0	3	1	
3	0	1	0	2	0	2	3	3	0	2	2	0	1	
4	3	7	11	0	3	3	0	2	0	5	3	9	4	
5	0	3	2	2	3	3	0	0	0	2	3	0	2	
6	1	0	5	2	0	3	2	5	2	2	2	2	2	
7	0	0	0	0	0	5	0	7	0	3	0	0	1	
8	0	2	2	0	6	4	5	2	2	0	0	3	2	
9	0	3	0	2	3	2	3	2	1	5	2	0	2	
10	3	2	0	2	6	4	0	2	2	3	3	1	2	
11	3	2	2	7	3	0	3	0	3	11	3	2	3	
12	0	4	6	2	4	3	2	3	0	0	3	2	2	
13	2	0	2	5	3	4	1	8	2	3	2	3	3	
14	0	0	3	2	5	4	8	3	7	2	8	7	4	
15	3	7	0	9	8	3	3	6	6	7	7	6	5	
16	2	4	3	2	5	3	***	-	-	-	-	-	*****	
17							-	-	-	-	-	-	*****	
18							-	-	-	-	-	-	*****	
19							-	-	-	-	-	-	*****	
20							-	-	-	-	-	-	*****	
21							-	-	-	-	-	-	*****	
22							-	-	-	-	-	-	*****	
23							-	-	-	-	-	-	*****	
24							-	-	-	-	-	-	*****	
25							-	-	-	-	-	-	*****	
26							-	-	-	-	-	-	*****	
27							-	-	-	-	-	-	*****	
28							-	-	-	-	-	-	*****	
29							-	-	-	-	-	-	*****	
30							-	-	-	-	-	-	*****	
31							-	-	-	-	-	-	*****	
MEAN	1	2	3	2	3	3	2	3	2	3	2	3	2.5	

PERCENTAGE OF DATA VALID - 49.7

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 49.7

NOTES: 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 75020 TEACHERS COLLEGE 1ST AVE NORTH BAY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.4	7	23
FEB	28	2.4	6	15
MAR	27	2.4	7	17
APR	28	1.6	3	9
MAY	31	1.4	2	5
JUN	30	1.1	2	5
JUL	31	1.1	2	9
AUG	30	1.3	3	10
SEP	20	1.6	2	11
OCT	22	3.0	6	13
NOV	30	2.4	4	15
DEC	15	2.5	5	11
YEAR	323	1.9	7	23

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 75020 TEACHERS COLLEGE 1ST AVE NORTH BAY

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	315	46	5	2	1	0	0	369
FEB	288	43	5	0	0	0	0	336
MAR	272	45	4	1	0	0	0	322
APR	316	22	0	0	0	0	0	338
MAY	368	4	0	0	0	0	0	372
JUN	354	3	0	0	0	0	0	357
JUL	360	11	0	0	0	0	0	371
AUG	350	13	0	0	0	0	0	363
SEP	239	9	1	0	0	0	0	249
OCT	213	56	8	0	0	0	0	277
NOV	306	48	5	0	0	0	0	359
DEC	153	30	2	0	0	0	0	185
YEAR	3534	330	30	3	1	0	0	3898

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89.0	0	0.0	0.0	1.2	1.9	3.8	5.2	7.5	9.0	23	1.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77026 19 LISGAR ST. SUDBURY													MONTH - JAN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	0	2	0	0	2	2	1	1	0	1	1
2	0	2	0	0	0	1	2	2	2	11	14	5	3	3
3	2	2	3	0	3	0	2	2	4	3	2	2	2	2
4	2	1	2	2	3	7	7	2	5	6	8	2	4	4
5	0	2	2	1	3	2	1	0	5	4	9	6	3	3
6	3	2	2	3	1	2	2	1	2	1	3	1	2	2
7	6	1	2	5	0	7	0	0	2	5	4	11	4	4
8	9	6	2	1	1	2	2	3	3	2	1	2	3	3
9	0	0	1	1	2	2	1	3	6	8	6	2	3	3
10	2	2	2	0	3	2	0	3	2	4	0	1	2	2
11	1	1	1	1	1	1	2	2	5	4	5	2	2	2
12	1	0	5	3	3	1	0	2	7	6	5	6	3	3
13	4	4	6	8	15	6	2	5	4	1	5	1	5	5
14	1	2	0	2	3	3	4	3	2	2	1	2	2	2
15	3	0	2	0	3	2	5	4	1	0	4	2	2	2
16	1	2	2	2	0	0	1	2	3	2	0	2	1	1
17	0	1	2	1	3	0	4	2	2	2	3	5	2	2
18	2	2	3	2	2	2	0	0	2	2	3	1	1	1
19	1	0	1	1	0	1	1	3	4	3	2	3	2	2
20	3	2	2	5	1	4	5	1	2	4	2	2	3	3
21	0	2	1	6	0	2	1	0	3	2	2	1	2	2
22	1	0	3	0	2	0	3	2	2	1	1	2	1	1
23	5	9	2	3	0	1	3	2	0	2	1	0	2	2
24	0	0	2	2	4	1	2	3	5	2	3	5	2	2
25	2	0	1	1	2	2	0	2	3	1	1	3	2	2
26	1	0	7	2	1	0	3	3	3	0	3	3	2	2
27	2	0	2	2	2	5	2	3	2	1	1	2	2	2
28	3	2	2	4	7	7	2	1	1	0	4	2	3	3
29	0	4	0	0	0	2	0	2	1	2	1	0	1	1
30	0	2	2	1	2	0	2	4	1	0	1	0	1	1
31	0	1	2	3	5	1	1	0	4	0	3	1	2	2
MEAN	2	2	2	2	2	2	2	2	3	3	3	2	2.3	2.3

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. "--" INDICATES DATA IS UNAVAILABLE
3. "*****" INDICATES LEJ5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77026 19 LISGAR ST. SUDBURY													MONTH - FEB 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	3	3	1	0	1	2	5	4	3	2	2
2	1	3	1	2	9	3	1	2	0	2	2	3	2	2
3	2	0	1	2	2	2	0	4	0	3	2	2	2	2
4	3	2	0	3	2	0	1	3	3	0	2	1	2	2
5	2	0	2	2	1	0	2	0	0	2	0	1	1	1
6	0	0	1	2	1	0	3	2	3	0	2	0	1	1
7	0	4	1	1	0	2	0	3	2	2	4	8	2	2
8	2	3	0	3	3	2	4	3	2	2	3	3	3	3
9	2	2	2	2	2	2	6	2	3	5	5	2	3	3
10	9	2	4	3	2	2	3	6	3	2	1	2	3	3
11	1	2	6	3	7	1	2	3	6	5	4	1	3	3
12	2	5	4	2	2	3	2	1	4	0	0	0	2	2
13	0	2	3	2	2	2	0	3	0	2	4	0	2	2
14	0	2	2	0	2	0	4	1	1	1	1	1	1	1
15	0	2	0	1	0	3	2	0	2	3	0	6	2	2
16	1	2	4	2	0	2	5	0	2	3	2	7	3	3
17	8	5	5	9	12	3	0	2	4	0	4	0	4	4
18	3	2	4	1	1	4	2	4	2	2	3	2	3	3
19	2	2	5	2	3	2	0	1	1	4	2	1	2	2
20	2	2	3	0	1	2	0	1	2	3	4	2	2	2
21	2	0	2	2	7	6	0	2	2	2	2	0	2	2
22	3	1	2	2	0	3	0	5	2	1	2	0	2	2
23	2	0	2	3	1	3	0	2	4	0	3	3	2	2
24	2	2	0	4	2	3	3	4	2	0	2	2	2	2
25	3	2	3	3	2	0	5	2	2	2	2	0	2	2
26	1	0	3	4	3	2	1	0	2	4	3	0	2	2
27	0	2	1	2	2	0	3	1	1	0	5	1	2	2
28	3	1	0	3	2	0	3	2	1	3	0	0	2	2
MEAN	2	2	2	2	3	2	2	2	2	2	2	2	2.1	2.1

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. "--" INDICATES DATA IS UNAVAILABLE
3. "*****" INDICATES LEJ5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77026 19 LISGAR ST. SUDBURY													MONTH - MAY 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	2	3	5	1	0	0	0	5	5	1	2	
2	0	2	2	4	4	1	0	0	0	2	2	1	2	
3	2	0	0	3	0	3	2	1	0	2	2	6	2	
4	3	3	0	3	0	2	5	0	0	0	2	3	2	
5	8	2	3	1	2	0	1	2	1	0	2	2	2	
6	4	2	2	2	0	0	3	2	2	4	0	2	2	
7	1	3	4	1	0	0	1	2	2	0	0	2	2	
8	1	1	3	0	2	2	1	2	1	2	2	0	2	
9	0	0	0	0	3	2	2	0	1	3	0	2	1	
10	3	1	0	6	1	4	2	1	0	2	3	3	1	
11	2	2	0	2	2	4	----						3	
12							- DATA UNAVAILABLE -						-----	
13							- DATA UNAVAILABLE -							
14							- DATA UNAVAILABLE -							
15							- DATA UNAVAILABLE -							
16							- DATA UNAVAILABLE -							
17							- DATA UNAVAILABLE -							
18							- DATA UNAVAILABLE -							
19							- DATA UNAVAILABLE -							
20							- DATA UNAVAILABLE -							
21							- DATA UNAVAILABLE -							
22							- DATA UNAVAILABLE -							
23							- DATA UNAVAILABLE -							
24							- DATA UNAVAILABLE -							
25							- DATA UNAVAILABLE -							
26							- DATA UNAVAILABLE -							
27	-	-	-	-	-	-	0	2	0	1	3	2	-----	
28	3	3	5	3	2	2	2	3	2	3	0	3	3	
29	3	1	0	2	0	2	2	0	0	1	2	2	1	
30	2	3	3	6	2	1	0	0	3	2	2	2	2	
31	3	5	0	4	1	2	3	2	2	2	0	2	2	
MEAN	2	2	2	3	2	2	2	1	1	2	2	3	1.8	

PERCENTAGE OF DATA VALID - 48.4

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 51.3

NOTE: 1. ----- INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. - - - INDICATES DATA IS UNAVAILABLE

3. ----- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77026 19 LISGAR ST. SUDBURY													MONTH - JUN 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	3	4	2	3	2	2	4	2	3	0	2	2	
2	2	0	2	0	3	0	4	1	2	1	1	2	2	
3	0	2	0	0	2	2	3	2	0	0	2	4	1	
4	0	2	2	5	0	0	0	0	6	0	2	0	1	
5	0	0	1	2	2	0	0	0	0	0	2	5	1	
6	0	0	0	2	2	0	3	4	0	0	2	2	2	
7	0	3	0	2	2	2	0	2	2	2	0	0	1	
8	2	0	1	2	2	1	1	3	0	4	0	4	2	
9	3	1	0	2	0	0	6	2	5	3	2	3	2	
10	1	2	3	5	1	2	2	0	2	2	2	2	2	
11	5	4	2	2	0	0	2	4	2	3	0	0	2	
12	2	1	4	2	1	3	0	1	0	0	2	1	1	
13	2	0	3	0	3	1	2	2	0	1	0	2	1	
14	2	2	2	4	3	4	0	3	3	2	5	3	3	
15	0	2	3	4	2	2	5	4	0	2	2	4	3	
16	2	3	2	7	0	0	2	3	2	5	1	2	2	
17	0	3	3	2	2	7	1	1	0	2	2	4	2	
18	2	0	4	2	0	3	2	2	1	2	2	1	2	
19	0	2	3	3	1	0	1	0	0	0	3	0	1	
20	0	1	2	2	3	5	3	3	0	2	0	4	2	
21	0	2	3	2	2	1	2	2	1	2	2	1	2	
22	0	0	1	0	2	4	0	2	0	0	0	3	1	
23	4	4	2	7	2	0	0	0	2	1	0	0	2	
24	0	0	2	3	2	2	5	0	2	0	3	4	2	
25	2	7	2	0	1	0	5	2	3	0	3	2	1	
26	2	2	0	0	2	2	2	0	0	0	4	2	1	
27	3	2	0	4	3	2	3	2	2	5	1	3	3	
28	0	0	1	4	3	1	0	0	4	2	3	3	2	
29	2	2	3	0	2	0	2	2	2	2	0	3	2	
30	2	2	0	2	2	6	1	2	1	3	2	5	2	
MEAN	1	2	2	2	2	2	2	2	1	2	2	2	1.8	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTE: 1. ----- INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. - - - INDICATES DATA IS UNAVAILABLE

3. ----- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77026 19 LISGAR ST. SUDBURY													MONTH - SEP 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	3	6	3	1	2	3	3	4	4	2	2	3	3
2	0	2	0	2	0	2	2	3	3	3	5	3	2	2
3	2	2	0	2	2	3	0	4	0	3	3	4	2	2
4	0	4	2	0	2	0	1	1	0	0	1	2	1	1
5	1	4	0	0	3	0	2	0	1	2	3	1	1	1
6	0	2	4	1	3	0	0	0	5	5	8	2	3	3
7	0	2	0	4	2	2	1	3	0	3	2	7	2	2
8	6	7	6	5	4	4	3	5	2	1	4	2	4	4
9	2	7	6	1	7	3	4	3	7	4	1	3	4	4
10	4	2	0	2	6	2	1	0	2	3	0	2	2	2
11	0	1	2	2	0	2	0	2	0	2	2	0	1	1
12	0	0	2	4	3	2	3	1	2	4	4	3	2	2
13	2	4	6	7	5	6	2	11	4	3	2	5	5	5
14	2	0	0	4	5	0	0	0	3	7	12	19	4	4
15	9	3	10	16	7	5	0	1	3	7	2	5	6	6
16	7	0	5	5	4	2	8	2	3	6	3	5	4	4
17	2	4	1	3	2	6	3	4	2	5	0	0	3	3
18	2	0	2	2	8	3	0	0	2	1	2	2	2	2
19	1	2	0	4	***	0	2	1	0	0	0	0	1	1
20	2	0	3	2	7	1	0	0	2	0	2	0	2	2
21	5	0	0	5	3	5	0	4	0	0	0	2	2	2
22	5	2	5	0	7	0	0	9	2	3	3	4	3	3
23	0	4	2	5	3	0	3	0	5	3	5	9	3	3
24	3	2	5	0	2	5	2	2	2	0	0	2	2	2
25	0	0	0	3	0	2	0	2	0	2	0	6	1	1
26	3	0	0	0	9	2	2	2	3	2	0	2	2	2
27	0	0	0	5	3	0	8	3	0	0	0	2	2	2
28	0	0	2	0	2	0	2	0	3	0	5	9	2	2
29	2	3	3	8	5	4	0	2	2	3	***	***	3	3
30	****	***	***	***	***	***	***	0	3	4	2	3	*****	3
MEAN	2	2	2	3	4	2	2	2	2	3	3	4	2.6	

PERCENTAGE OF DATA VALID - 96.9

PERCENTAGE OF DATA INVALID - 3.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77026 19 LISGAR ST. SUDBURY													MONTH - OCT 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	2	3	0	0	0	0	3	4	0	0	1	1
2	2	0	2	2	0	1	1	0	3	0	0	2	1	1
3	0	0	2	0	0	0	2	2	0	0	0	0	1	1
4	0	5	3	1	0	0	0	0	0	0	0	4	1	1
5	0	0	0	2	2	0	1	0	0	0	3	0	1	1
6	0	2	0	0	3	0	0	2	0	5	1	0	1	1
7	0	0	5	5	2	2	2	2	2	0	0	0	2	2
8	0	0	2	2	2	0	0	3	2	0	0	0	1	1
9	3	1	2	2	0	0	3	2	2	0	0	0	1	1
10	4	0	2	0	0	0	5	2	0	0	0	0	1	1
11	4	4	4	2	0	2	4	4	0	1	0	2	2	2
12	2	4	4	0	0	2	2	1	2	0	0	2	2	2
13	6	2	8	1	0	3	4	5	2	1	0	2	3	3
14	3	5	2	1	4	2	3	2	2	0	3	2	2	2
15	9	3	5	3	0	5	1	1	0	0	2	1	3	3
16	2	2	0	0	1	2	0	2	1	0	0	2	1	1
17	2	2	0	2	1	3	2	3	0	0	2	6	2	2
18	4	2	0	2	0	3	5	10	2	2	3	2	3	3
19	3	2	3	0	0	2	4	3	3	1	8	9	3	3
20	5	8	13	2	2	2	5	0	2	1	2	2	4	4
21	6	2	10	1	0	4	4	4	2	2	0	2	3	3
22	3	1	1	0	0	3	2	2	2	0	0	0	1	1
23	3	2	2	0	2	2	0	2	2	2	8	8	3	3
24	12	15	15	0	1	2	2	5	2	2	2	6	5	5
25	8	3	4	4	2	5	6	5	6	2	2	5	4	4
26	2	4	2	2	0	5	2	3	2	0	2	3	2	2
27	2	4	3	5	2	2	3	6	4	2	2	2	3	3
28	3	2	1	2	1	0	4	6	3	2	0	0	2	2
29	9	5	6	5	2	2	1	5	4	10	3	5	5	5
30	7	2	2	1	2	0	0	0	3	4	0	0	2	2
31	1	2	2	0	2	0	0	2	3	3	0	2	1	1
MEAN	3	3	3	2	1	2	2	3	2	1	1	2	2.1	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77026 19 LISGAR ST. SUDBURY													MONTH - NOV 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	6	5	2	2	2	3	2	2	2	2	2
2	0	0	2	0	4	0	0	2	0	3	3	3	3	1
3	3	4	0	3	7	4	2	5	1	0	2	3	3	3
4	5	0	0	0	4	3	2	3	5	0	2	3	3	2
5	3	2	2	2	0	1	2	0	0	2	2	2	2	1
6	0	3	2	4	0	0	0	3	3	1	0	0	0	1
7	0	3	0	3	4	0	0	1	3	4	0	0	0	2
8	0	0	0	3	4	0	6	2	1	3	0	2	2	3
9	3	0	3	3	2	5	4	4	2	0	2	4	3	3
10	2	2	2	4	4	2	6	2	0	2	5	4	3	3
11	0	0	2	2	5	2	2	2	2	0	2	0	2	2
12	0	2	0	0	2	1	2	0	3	0	2	0	1	1
13	0	0	1	2	0	2	2	0	1	3	0	2	2	2
14	0	2	0	0	4	1	3	0	4	2	4	6	3	3
15	3	0	0	3	4	4	2	4	3	1	4	4	3	3
16	6	2	2	2	3	4	0	2	2	1	2	6	3	3
17	2	2	0	4	11	5	1	2	4	1	2	3	2	2
18	2	1	2	1	2	2	0	3	0	0	3	2	1	2
19	0	0	2	0	0	2	2	3	0	0	2	2	2	2
20	2	0	3	2	3	1	0	2	1	0	2	0	1	1
21	0	2	0	2	2	2	2	1	2	2	3	3	2	2
22	2	0	0	3	2	2	2	5	2	2	1	0	2	2
23	2	4	1	2	2	2	1	2	2	2	0	3	2	2
24	4	0	5	3	3	5	2	9	17	1	2	2	4	4
25	2	1	0	2	0	5	1	2	2	6	6	3	3	6
26	3	2	4	1	0	14	8	3	1	4	0	3	3	6
27	5	5	3	9	15	6	2	2	6	7	4	2	3	3
28	1	2	2	2	4	3	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
29	3	2	3	2	1	3	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
30							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
MEAN	2	1	1	2	3	3	2	2	3	2	2	2	2.2	

PERCENTAGE OF DATA VALID - 94.7 PERCENTAGE OF DATA INVALID - 5.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77026 19 LISGAR ST. SUDBURY													MONTH - DEC 77	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
2							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
3							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
4							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
5							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
6							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
7							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
8							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
9							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
10							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
11							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
12							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
13	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	1	0	2	0	2	2	DATA INVALID	DATA INVALID	DATA INVALID
14							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
15	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	7	9	5	3	9	9	10	8	8	8
16	9	3	3	2	4	5	5	2	0	5	2	3	4	4
17	10	3	3	2	5	6	3	2	4	1	2	5	4	4
18	1	0	4	2	0	2	3	3	3	2	0	3	2	2
19	1	0	2	2	1	2	6	2	3	1	5	0	2	2
20	3	2	0	2	0	4	3	2	2	3	2	0	2	2
21	0	3	4	2	3	3	2	0	2	2	2	2	2	2
22	7	3	4	2	5	2	5	3	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
23							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
24							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
25							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
26							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
27							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
28							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
29							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
30							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
31							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
MEAN	4	2	3	2	3	4	4	2	3	3	4	3	3.1	

PERCENTAGE OF DATA VALID - 25.3 PERCENTAGE OF DATA INVALID - 142.2 PERCENTAGE OF DATA UNAVAILABLE - 67.5

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 77026 19 LISGAR ST. SUDBURY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.3	5	15
FEB	28	2.1	4	12
MAR	31	2.1	5	11
APR	30	2.0	3	9
MAY	14	1.8	3	8
JUN	30	1.8	3	7
JUL	13	1.8	2	8
AUG	13	2.0	4	9
SEP	29	2.6	6	19
OCT	31	2.1	5	15
NOV	28	2.2	6	17
DEC	8	3.1	8	10
YEAR	286	2.1	8	19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 77026 19 LISGAR ST. SUDBURY

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	323	44	4	0	0	0	0	371
FEB	309	26	1	0	0	0	0	336
MAR	334	33	3	0	0	0	0	370
APR	320	39	0	0	0	0	0	359
MAY	169	11	0	0	0	0	0	180
JUN	340	20	0	0	0	0	0	360
JUL	147	9	0	0	0	0	0	156
AUG	142	19	0	0	0	0	0	161
SEP	286	59	2	2	0	0	0	349
OCT	324	44	4	0	0	0	0	372
NOV	308	29	3	1	0	0	0	341
DEC	73	21	0	0	0	0	0	94
YEAR	3075	354	17	3	0	0	0	3449

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
78.7	0	0.0	0.4	1.4	2.1	4.2	5.3	7.2	8.6	19	2.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
		STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - JAN 77											
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	3	3	2	4	3	2	0	1	2	2	3	1	0	2	1	0	1	2	6	3	4	5	6	3	2	
2	2	3	2	5	4	4	6	3	3	3	3	6	5	8	5	2	3	3	4	4	4	6	4	3	4	4	
3	3	4	3	4	5	4	5	4	6	6	4	5	***	6	6	4	3	3	4	4	4	5	4	5	6	5	
4	4	5	5	5	3	3	3	2	7	9	8	5	4	4	5	3	2	***	7	7	6	6	6	10	10	5	
5	5	9	8	10	11	9	8	6	11	17	16	13	9	7	5	5	4	4	6	9	7	6	7	7	9	8	
6	6	13	15	17	12	10	9	2	7	4	5	0	11	12	11	11	12	11	5	0	0	0	0	0	0	0	
7	7	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	9	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	10	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	11	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	11	***	5	9	7	6	7	8	2	
12	12	8	10	7	4	5	6	7	11	13	13	11	8	***	5	4	8	5	6	6	8	13	21	10	9	8	
13	13	10	13	12	11	12	11	11	14	15	10	8	7	6	6	7	***	10	9	5	5	5	7	8	9	9	
14	14	7	9	12	8	11	10	7	10	11	11	17	18	15	16	18	20	17	14	9	6	5	4	4	11	11	
15	15	***	5	5	6	5	6	7	9	11	11	12	9	7	5	4	4	4	4	3	3	3	3	3	3	6	
16	16	4	4	3	3	2	3	2	3	5	7	6	5	5	2	2	2	3	5	6	6	6	5	4	8	4	
17	17	9	9	8	6	6	10	8	14	15	13	13	10	12	5	8	13	9	7	3	3	3	7	9	9	9	
18	18	8	9	8	6	7	8	9	12	18	21	19	12	12	8	0	7	6	-	***	4	6	5	6	9	9	
19	19	4	5	5	3	3	3	3	5	3	6	4	4	4	***	6	5	5	4	4	3	3	***	***	***	4	
20	20	***	***	***	***	***	***	***	***	***	18	16	13	12	14	2	10	8	9	9	9	11	15	9	10	9	
21	21	10	9	8	8	11	17	10	13	15	14	10	6	4	5	4	4	5	4	4	4	4	4	5	6	8	
22	22	-	3	2	0	2	3	3	4	4	7	6	6	6	4	4	3	2	2	3	5	6	6	14	15	5	
23	23	17	6	6	6	6	7	9	10	10	8	7	5	7	10	7	5	5	4	5	7	7	6	7	7	7	
24	24	7	7	8	6	6	6	8	8	9	9	10	9	10	9	10	11	13	9	9	10	11	9	8	8	9	
25	25	5	6	7	7	8	5	5	10	13	11	10	5	4	3	0	5	4	4	3	3	3	3	3	3	5	
26	26	4	5	5	7	7	4	7	8	11	9	9	***	0	2	2	3	***	4	5	5	4	4	2	2	5	
27	27	2	2	3	3	4	5	5	6	***	***	6	5	6	4	4	6	5	10	8	7	9	9	10	***	5	
28	28	4	5	4	4	4	5	6	11	5	7	5	7	2	7	6	3	4	3	4	4	7	7	7	7	***	
29	29	***	***	***	***	***	***	***	***	***	15	6	7	7	4	5	4	3	5	4	7	7	7	6	12	6	
30	30	5	4	4	6	9	4	7	5	6	12	7	4	4	4	3	3	2	5	6	6	7	7	7	7	8	
31	31	12	9	5	7	12	10	8	***	***	***	6	9	7	7	6	7	7	9	10	6	5	5	6	6	8	
MEAN		6	5	5	5	5	5	5	7	8	8	7	6	6	5	4	5	5	5	5	5	5	5	5	6	6	5.6

PERCENTAGE OF DATA VALID - 94.8 PERCENTAGE OF DATA INVALID - 4.8 PERCENTAGE OF DATA UNAVAILABLE - 0.4

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT										
		STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - FEB 77										
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	4	4	4	3	4	7	7	7	8	7	5	6	1	0	2	3	5	4	3	5	4	5	5	3	4
2	2	6	5	5	5	4	5	7	8	6	6	5	8	5	5	***	9	8	8	9	7	8	8	8	6	7
3	3	9	10	8	7	7	11	9	12	11	8	9	4	7	6	5	5	5	8	7	5	7	9	6	8	8
4	4	6	6	5	5	3	4	5	8	12	12	9	8	7	6	8	10	14	10	7	4	5	6	4	7	
5	5	2	2	1	0	0	0	1	2	4	6	4	4	6	2	2	1	2	2	3	3	3	***	***	***	2
6	6	***	***	***	***	***	***	***	***	***	***	***	***	5	2	0	0	1	2	4	4	6	7	5	5	***
7	7	3	5	3	2	3	5	5	6	9	10	8	6	6	5	6	4	6	5	6	10	9	11	13	14	7
8	8	13	13	11	11	11	12	14	***	13	12	13	11	9	10	6	5	6	7	9	8	8	6	9	9	10
9	9	10	10	11	7	8	7	7	8	8	9	11	9	13	12	9	7	9	9	12	13	10	11	11	12	10
10	10	12	11	***	13	11	12	14	19	15	***	19	24	15	14	11	10	11	10	8	11	9	8	7	7	12
11	11	9	7	6	8	13	6	8	13	16	14	12	8	10	7	5	5	7	7	6	9	12	14	20	18	10
12	12	16	17	15	12	11	9	12	10	11	13	11	10	13	14	14	15	13	9	10	11	13	8	6	12	12
13	13	6	3	4	7	5	7	6	8	3	2	3	2	5	4	2	2	2	3	2	1	1	1	1	1	3
14	14	3	6	4	3	2	4	2	4	4	5	4	5	2	4	4	3	4	3	3	3	2	2	2	4	3
15	15	2	0	1	0	0	1	1	4	5	6	6	5	3	-	3	4	3	5	3	2	3	4	4	4	3
16	16	5	4	3	3	3	5	5	7	10	9	4	***	5	***	3	0	3	5	4	3	3	4	5	5	4
17	17	8	8	9	8	12	9	***	14	16	20	13	-	4	-	***	3	5	4	5	7	6	5	5	7	8
18	18	6	6	5	6	6	5	5	7	7	7	6	9	10	10	8	8	10	10	13	13	13	15	12	10	9
19	19	14	11	6	7	6	3	2	3	6	9	8	5	6	4	2	3	2	2	2	2	3	7	5	3	5
20	20	3	3	3	3	3	2	3	4	4	5	5	5	3	4	4	5	5	3	3	3	4	4	4	4	4
21	21	5	4	3	2	3	3	3	12	10	***	4	5	6	7	7	5	3	3	5	4	5	3	3	4	5
22	22	3	3	4	4	3	4	5	8	9	9	12	10	8	7	7	8	9	14	12	10	6	6	6	7	7
23	23	6	5	4	5	5	6	6	7	10	9	9	9	8	8	8	8	7	6	6	6	7	6	6	6	7
24	24	6	5	5	5	5	5	7	8	9	9	7	4	3	3	3	3	4	3	3	3	3	3	5	4	5
25	25	3	3	4	3	6	5	5	4	2	3	4	0	3	4	5	6	7	5	6	3	3	7	5	4	4
26	26	4	1	-	-	3	2	3	3	4	5	4	7	7	6	7	7	7	5	4	3	4	5	4	5	4
27	27	3	3	3	3	3	5	3	3	3	4	4	3	2	2	2	2	6	6	9	15	6	5	5	6	4
28	28	10	9	11	16	11	5	5	8	7	6	5	-	-	3	3	2	4	4	8	11	8	9	6	6	7
MEAN		7	6	6	6	6	6	6	8	8	8	8	7	6	6	5	5	6	6	6	6	6	7	7	6	6.3

PERCENTAGE OF DATA VALID - 95.4 PERCENTAGE OF DATA INVALID - 3.6 PERCENTAGE OF DATA UNAVAILABLE - 1.0

- NOTES 1. ***** INDIC

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	5.6	11	21
FEB	27	5.3	12	24
MAR	31	5.6	10	24
APR	29	5.8	15	26
MAY	29	5.8	10	25
JUN	28	5.1	9	26
JUL	25	5.8	9	20
AUG	31	5.1	9	20
SEP	27	4.5	10	15
OCT	31	5.4	14	40
NOV	30	5.0	12	36
DEC	31	5.6	10	19
YEAR	349	5.5	15	40

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	304	317	67	15	2	0	0	705
FEB	230	320	80	10	1	0	0	641
MAR	312	334	58	3	3	0	0	710
APR	314	294	56	20	6	0	0	690
MAY	327	298	54	24	1	0	0	704
JUN	349	273	33	6	4	0	0	665
JUL	253	296	53	9	0	0	0	611
AUG	362	287	55	10	0	0	0	714
SEP	390	216	39	0	0	0	0	645
OCT	380	244	69	14	9	2	0	718
NOV	380	265	33	8	2	1	0	689
DEC	300	384	42	5	0	0	0	731
YEAR	3901	3528	639	124	28	3	0	8223

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
93.9	0	1.1	2.7	4.2	6.1	9.9	12.2	14.8	17.5	40	5.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	6.7	11	27
FEB	27	5.7	10	17
MAR	31	5.0	9	17
APR	30	4.8	14	26
MAY	31	5.1	10	21
JUN	28	4.1	7	19
JUL	31	4.3	11	25
AUG	31	3.3	7	18
SEP	22	3.9	8	17
OCT	31	4.7	12	36
NOV	30	3.9	8	22
DEC	31	4.5	9	19
YEAR	353	4.7	14	36

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	243	350	92	16	3	0	0	704
FEB	256	343	41	2	0	0	0	642
MAR	376	295	43	2	0	0	0	716
APR	426	206	38	13	5	0	0	688
MAY	405	257	45	17	5	0	0	729
JUN	441	195	25	4	0	0	0	665
JUL	441	212	40	4	2	0	0	699
AUG	536	141	16	1	0	0	0	694
SEP	361	145	10	2	0	0	0	518
OCT	416	250	48	7	5	1	0	727
NOV	474	212	13	1	1	0	0	701
DEC	466	240	24	4	0	0	0	734
YEAR	4841	2846	435	73	21	1	0	8217

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
93.8	0	1.0	2.2	3.3	5.1	8.6	10.8	13.7	15.6	36	4.7

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH - MAY 77

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	5	7	9	7	6	4	5	7	10	10	8	5	5	3	3	3	5	4	4	5
2	4	2	2	1	0	0	2	3	4	2	***	-	2	0	1	2	14	1	0	0	1	0	1	0	2
3	0	0	0	0	0	0	2	0	0	0	-	-	0	2	2	2	3	0	0	0	3	0	1	2	1
4	2	3	2	1	1	2	2	4	3	3	4	3	5	5	5	3	5	3	-	3	4	***	4	3	3
5	3	3	4	4	3	4	4	3	3	4	-	-	-	***	***	***	***	***	***	***	***	***	***	***	***
6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
8	4	3	7	8	4	4	5	2	2	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	2
9	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	0	0	0	0	0	0	2	1	0
10	2	2	2	1	0	1	2	1	1	0	0	0	0	0	0	2	3	2	0	2	1	6	10	5	2
11	6	5	4	4	5	3	5	3	0	2	1	3	2	2	3	5	5	3	2	6	7	5	5	6	4
12	4	5	4	4	3	3	5	3	3	3	3	3	5	5	3	4	4	3	2	2	2	2	2	2	3
13	3	2	2	3	2	4	3	6	4	3	4	3	5	4	3	3	3	3	3	0	0	2	2	2	3
14	1	0	0	0	0	0	0	1	0	0	3	2	0	1	1	1	0	0	0	0	2	0	0	0	1
15	0	0	0	0	2	2	0	0	0	2	2	1	1	1	1	1	2	1	0	1	3	3	3	3	1
16	4	3	4	3	4	4	2	3	5	9	5	6	0	***	8	7	4	6	7	4	3	4	5	5	5
17	5	6	5	5	8	7	9	11	9	10	6	6	7	6	6	8	8	5	5	7	5	5	0	0	6
18	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
19	0	1	2	1	2	3	3	3	3	4	4	4	5	5	3	3	4	4	4	8	15	9	7	4	4
20	7	4	4	6	7	5	5	6	8	6	4	7	9	7	8	7	5	3	3	2	3	2	3	4	5
21	5	4	3	4	4	3	5	7	7	8	7	5	3	3	6	5	4	3	2	1	3	2	4	4	4
22	3	3	3	4	4	4	5	3	3	3	3	5	4	3	4	3	3	3	2	2	2	0	1	1	3
23	2	5	3	4	4	5	5	7	6	5	4	5	3	2	4	4	3	3	3	2	2	4	4	4	4
24	3	3	2	2	1	1	3	5	4	7	6	7	0	2	3	4	3	3	4	4	6	4	2	3	3
25	4	4	3	5	5	2	3	4	4	2	3	2	3	-	***	2	1	0	0	0	0	0	1	1	2
26	0	0	0	0	0	0	0	2	1	2	2	3	3	3	***	2	3	1	1	0	0	0	0	0	1
27	0	0	0	3	3	3	2	2	3	3	3	5	3	3	2	2	2	2	1	2	4	3	4	7	3
28	7	12	4	4	4	4	5	6	6	6	3	3	3	3	3	3	3	0	0	2	1	0	0	0	4
29	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	1	0	0	2	2	2	2	2	2	1	2	2	0	0	0	0	0	0	1
31	0	0	0	0	0	2	4	4	-	4	4	4	3	3	4	4	5	6	4	3	3	4	0	***	3
MEAN	2	3	2	2	2	2	3	4	3	4	3	3	3	3	3	3	3	2	2	2	2	3	2	2.7	

PERCENTAGE OF DATA VALID - 94.0

PERCENTAGE OF DATA INVALID - 4.8

PERCENTAGE OF DATA UNAVAILABLE - 1.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH - JUN 77

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	2	2	3	4	7	3	3	2	2	3	1	0	1	0	1	0	1	0	0	0	0	2
2	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	2	2	0	0	0	0	1	2	3	1
3	3	2	3	3	5	3	6	6	2	3	3	2	2	3	0	3	2	2	2	2	2	1	2	3	3
4	2	2	2	1	0	1	3	5	4	3	3	3	3	3	3	4	2	2	3	6	5	4	6	1	3
5	0	0	0	0	0	0	0	1	2	2	3	3	3	3	2	2	2	1	0	2	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	2	0	1	1	1	0	***	0	2	2	0	0	0	0	4	3	1
8	3	4	3	2	3	3	4	3	2	2	3	2	3	2	4	2	3	1	0	0	0	0	0	0	2
9	0	0	0	0	0	0	2	1	0	0	0	0	0	1	2	2	1	1	0	0	0	0	0	0	0
10	0	0	0	0	0	2	2	2	2	2	2	3	***	2	1	1	1	0	0	2	0	0	0	1	1
11	3	6	8	11	9	11	3	2	2	4	3	2	2	3	2	3	2	3	2	2	3	3	3	0	4
12	0	1	2	2	2	2	1	0	0	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	1	2	2	2	2	1	0	0	0	-	0	0	1	0	0	1
14	0	0	0	0	0	0	0	-	-	-	2	3	0	1	3	3	2	0	0	0	0	0	0	0	1
15	-	0	0	0	0	0	1	2	2	2	3	-	2	2	2	3	***	***	***	***	***	***	***	***	***
16	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
17	2	4	4	3	4	3	3	3	4	3	0	3	3	3	3	4	3	2	0	0	0	0	3	5	3
18	4	1	0	1	0	0	0	0	2	3	3	1	1	0	2	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	1	0	0	0	1	0	1	1	2	0	1	2	0	0	0	0	0	0
20	0	6	2	3	0	2	4	1	2	1	1	2	4	0	0	2	1	0	0	0	0	0	0	0	1
21	0	0	0	0	0	3	2	1	2	1	1	2	2	2	2	4	2	2	0	0	0	0	3	3	1
22	3	4	5	7	7	5	3	2	2	2	3	3	4	2	***	***	***	***	***	***	***	***	***	***	3
23	1	0	3	5	0	2	5	2	3	5	4	6	9	5	4	3	3	5	3	0	1	2	0	2	3
24	1	0	1	1	1	4	5	6	6	5	3	5	6	0	3	3	6	2	4	3	4	5	6	4	4
25	5	6	3	-	-	***	***	8	3	2	3	2	2	2	2	2	0	0	0	0	0	0	0	0	2
26	1	3	2	0	0	1	2	2	1	2	2	2	3	2	2	2	3	0	0	0	2	3	3	2	2
27	4	6	3	3	3	6	10	11	9	0	8	3	0	5	1	0	0	1	2	3	3	4	3	2	4
28	2	7	2	3	4	5	5	-	5	10	7	9	7	3	6	8	7	5	4	5	3	1	2	1	5
29	0	0	0	1	0	0	1	0	0	2	2	4	3	3	4	3	2	3	3	3	4	5	3	5	2
30	3	5	4	6	3	8	7	10	6	8	9	7	10	5	***	2	0	2	2	2	2	4	4	2	5
MEAN	1	2	2	2	2	2	3	3	2	3	3	3	3	3	2	2	2	2	1	1	1	1	1	1	1.9

PERCENTAGE OF DATA VALID - 95.0

PERCENTAGE OF DATA INVALID - 3.6

PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.5	7	20
FEB	28	3.4	8	22
MAR	31	3.2	6	11
APR	30	3.5	8	15
MAY	28	2.7	6	15
JUN	28	1.9	5	11
JUL	31	2.1	6	12
AUG	31	1.3	3	9
SEP	30	1.6	5	12
OCT	31	2.8	7	29
NOV	30	2.3	5	15
DEC	31	2.7	5	10
YEAR	360	2.6	8	29

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	513	217	7	1	0	0	0	738
FEB	467	181	8	0	1	0	0	657
MAR	528	195	2	0	0	0	0	725
APR	500	182	17	0	0	0	0	699
MAY	565	130	4	0	0	0	0	699
JUN	610	71	3	0	0	0	0	684
JUL	605	95	2	0	0	0	0	702
AUG	694	31	0	0	0	0	0	725
SEP	647	50	1	0	0	0	0	698
OCT	569	154	5	1	2	0	0	731
NOV	618	75	6	0	0	0	0	699
DEC	574	134	0	0	0	0	0	708
YEAR	6890	1515	55	2	3	0	0	8465

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.6	0	0.0	0.4	1.7	2.9	5.4	6.7	8.4	9.5	29	2.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.4	9	18
FEB	26	2.9	8	15
MAR	28	2.1	5	16
APR	30	2.7	7	11
MAY	31	2.8	6	12
JUN	30	2.1	5	15
JUL	27	2.2	4	22
AUG	31	2.2	4	12
SEP	30	2.3	7	23
OCT	31	2.6	6	13
NOV	30	3.0	6	15
DEC	31	3.4	7	16
YEAR	356	2.7	9	23

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	527	188	11	4	0	0	0	730
FEB	473	140	11	0	0	0	0	624
MAR	591	82	3	1	0	0	0	677
APR	545	136	2	0	0	0	0	683
MAY	576	149	3	0	0	0	0	728
JUN	625	61	9	0	0	0	0	695
JUL	583	48	2	0	1	0	0	634
AUG	635	63	4	0	0	0	0	702
SEP	608	68	3	2	1	0	0	682
OCT	582	137	14	0	0	0	0	733
NOV	498	140	4	0	0	0	0	642
DEC	493	205	12	1	0	0	0	711
YEAR	6736	1417	78	8	2	0	0	8241

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT
OF DATA
VALID

94.1

MIN

10

30

CONCENTRATIONS
FREQUENCY DISTRIBUTION, PERCENT

50

70

90

95

98

99

MAX

ARITH
MEAN

0

0.0

0.8

1.8

2.9

5.2

6.6

8.5

10.2

23

2.7

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27013 PS VICTORIA/LEADER NIAGRA FLS

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4.5	9	22
FEB	28	5.7	13	24
MAR	29	3.7	9	21
APR	30	3.2	7	15
MAY	31	3.0	6	12
JUN	30	2.7	4	21
JUL	26	2.3	5	11
AUG	15	2.5	5	21
SEP	30	2.5	5	12
OCT	30	3.4	9	30
NOV	25	2.9	7	31
DEC	31	3.9	8	25
YEAR	336	3.4	13	31

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27013 PS VICTORIA/LEADER NIAGRA FLS

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	438	249	35	9	2	0	0	733
FEB	324	238	67	22	8	0	0	659
MAR	530	136	26	11	1	0	0	704
APR	503	183	7	0	0	0	0	693
MAY	568	161	4	0	0	0	0	733
JUN	590	95	9	2	1	0	0	697
JUL	584	55	1	0	0	0	0	640
AUG	396	55	5	0	1	0	0	457
SEP	583	108	4	0	0	0	0	695
OCT	479	172	27	4	3	0	0	685
NOV	468	105	8	2	1	1	0	585
DEC	513	182	27	10	2	0	0	734
YEAR	5976	1739	220	60	19	1	0	8015

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
91.5	0	0.0	1.3	2.3	3.6	6.5	8.8	12.3	15.0	31	3.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27027 PS 309 BEATRICE ST WELLAND

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.4	8	16
FEB	28	3.4	7	16
MAR	31	3.0	10	24
APR	30	2.7	7	14
MAY	29	2.8	7	18
JUN	30	2.1	5	26
JUL	31	1.7	4	13
AUG	31	1.5	4	11
SEP	26	2.3	5	11
OCT	31	2.8	7	19
NOV	30	2.6	8	17
DEC	31	2.7	7	19
YEAR	359	2.6	10	26

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27027 PS 309 BEATRICE ST WELLAND

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	534	183	10	2	0	0	0	729
FEB	463	187	8	1	0	0	0	659
MAR	556	158	8	1	1	0	0	724
APR	548	141	4	0	0	0	0	693
MAY	544	137	8	1	0	0	0	690
JUN	624	77	0	0	1	0	0	702
JUL	671	48	2	0	0	0	0	721
AUG	678	49	2	0	0	0	0	729
SEP	507	101	1	0	0	0	0	609
OCT	550	154	15	2	0	0	0	721
NOV	588	103	5	1	0	0	0	697
DEC	596	125	7	1	0	0	0	729
YEAR	6859	1463	70	9	2	0	0	8403

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
95.9	0	0.0	0.2	1.7	2.9	5.5	6.9	8.8	10.0	26	2.6

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	8.0	17	22
FEB	28	7.8	14	21
MAR	27	6.9	13	22
APR	28	4.9	16	25
MAY	30	4.0	12	28
JUN	30	7.2	17	31
JUL	31	7.5	20	28
AUG	31	7.0	13	20
SEP	28	4.5	14	25
OCT	31	7.7	19	34
NOV	30	5.1	14	23
DEC	31	5.6	12	20
YEAR	356	6.3	20	34

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	179	353	142	56	4	0	0	734
FEB	187	298	137	31	3	0	0	656
MAR	253	271	109	24	5	0	0	662
APR	418	146	75	34	3	0	0	676
MAY	497	139	58	13	2	0	0	709
JUN	302	224	112	40	25	1	0	704
JUL	271	250	104	71	18	0	0	714
AUG	252	290	162	22	0	0	0	726
SEP	423	166	57	18	3	0	0	667
OCT	265	217	152	55	22	1	0	712
NOV	384	197	93	13	2	0	0	689
DEC	334	312	79	12	0	0	0	737
YEAR	3765	2863	1280	389	87	2	0	8386

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
95.7	0	0.0	2.2	4.8	8.2	13.2	15.5	18.1	20.2	34	6.3

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	6.2	13	19
FEB	28	5.6	13	30
MAR	31	6.4	20	32
APR	30	6.2	18	27
MAY	31	6.0	14	26
JUN	30	4.6	11	23
JUL	31	4.2	11	19
AUG	31	4.0	11	20
SEP	21	4.7	8	18
OCT	31	5.9	21	33
NOV	30	5.9	15	25
DEC	31	5.6	10	24
YEAR	356	5.4	21	33

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	300	339	80	12	0	0	0	731
FEB	333	263	47	10	4	0	0	657
MAR	387	208	76	38	23	1	0	733
APR	322	264	58	36	18	0	0	698
MAY	358	276	59	25	10	0	0	728
JUN	446	191	43	12	2	0	0	694
JUL	472	180	50	11	0	0	0	713
AUG	518	172	32	8	0	0	0	730
SEP	275	224	26	2	0	0	0	527
OCT	357	279	48	32	14	1	0	731
NOV	324	276	67	23	7	0	0	697
DEC	353	313	56	13	2	0	0	737
YEAR	4445	2985	642	222	80	2	0	8376

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
95.6	0	1.1	2.4	3.8	6.0	10.6	13.6	17.1	19.9	33	5.4

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	5.2	13	22
FEB	28	5.2	11	23
MAR	30	5.1	12	30
APR	30	4.9	11	22
MAY	31	5.3	9	20
JUN	28	4.1	9	17
JUL	31	3.5	6	19
AUG	31	4.3	8	17
SEP	30	4.4	10	22
OCT	31	6.1	15	34
NOV	28	4.1	10	21
DEC	29	5.1	11	26
YEAR	356	4.8	15	34

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	360	274	71	16	3	0	0	724
FEB	328	251	61	11	3	0	0	654
MAR	379	275	36	14	8	0	0	712
APR	376	251	52	12	3	0	0	694
MAY	341	303	62	11	0	0	0	717
JUN	405	241	25	2	0	0	0	673
JUL	515	178	13	4	0	0	0	710
AUG	462	218	40	4	0	0	0	724
SEP	409	234	46	5	1	0	0	695
OCT	326	272	60	37	15	1	0	711
NOV	447	161	33	8	1	0	0	650
DEC	359	236	51	20	8	0	0	674
YEAR	4707	2694	550	144	42	1	0	8338

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
95.2	0	0.0	1.8	3.3	5.7	9.6	12.0	15.4	17.7	34	4.8

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.9	9	15
FEB	28	3.1	7	16
MAR	31	3.8	11	25
APR	30	5.6	14	22
MAY	31	4.7	9	36
JUN	30	2.8	6	15
JUL	31	2.3	5	12
AUG	28	1.1	5	12
SEP	28	1.3	4	19
OCT	30	1.4	4	15
NOV	29	4.3	9	28
DEC	31	4.7	10	33
YEAR	355	3.3	14	36

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	498	219	14	0	0	0	0	732
FEB	500	158	3	1	0	0	0	662
MAR	524	170	24	5	6	0	0	729
APR	381	185	96	26	7	0	0	697
MAY	412	264	44	4	3	1	0	726
JUN	572	120	13	0	0	0	0	705
JUL	625	94	1	0	0	0	0	720
AUG	620	37	1	0	0	0	0	658
SEP	635	30	1	1	0	0	0	667
OCT	672	28	3	0	0	0	0	703
NOV	413	188	30	12	7	0	0	630
DEC	432	221	45	10	5	1	0	715
YEAR	6285	1694	275	61	29	2	0	8346

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
95.3	0	0.0	0.8	2.0	3.4	6.9	9.4	13.1	15.4	36	3.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - PARTICULATES - SOILING INDEX											UNITS - 0.1 CONS/1000 FT														
	STATION NE NO 77016					ASH ST WATER TANK. SUDBURY					MONTH - JUL 77															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	----	----		2	2	0	1	0	0	0	1	1	0	0	1	2	1	0	0	0	1	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	2	0	0	2	0	0
3	0	3	1	0	4	3	0	1	3	0	3	2	0	3	5	2	0	3	3	2	----	----	3	1	2	0
4	2	1	1	2	2	3	8	2	0	3	2	2	3	0	0	0	2	2	0	0	3	1	0	2	2	2
5	0	4	0	2	3	0	2	3	2	0	2	0	3	2	0	0	4	0	5	0	0	3	3	5	3	2
6	0	0	0	0	0	0	1	----	----	----	----	----	----	----	----	2	0	0	1	0	0	0	0	0	0	0
7	0	0	0	----	----	0	2	----	----	0	0	0	2	0	----	0	2	0	2	0	1	1	0	----	1	0
8	0	0	0	0	0	1	----	----	----	0	0	3	0	----	----	0	0	0	0	1	0	0	1	0	1	0
9	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
10	----	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2	0	0	0	0	0	2	0	0	0
11	0	0	1	0	----	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	1	3	6	3	3	5	3	4	----	1	1	0	0	1	0	2	0	1	0	2	0	2	0	1	2	1
13	0	0	1	0	1	1	0	0	4	0	0	0	0	2	3	3	0	0	0	0	0	1	0	0	0	0
14	5	5	0	1	3	6	9	6	5	----	3	0	4	0	1	0	0	2	0	0	9	0	0	0	3	0
15	0	0	0	0	2	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	0	1	----	0	0	0
16	0	0	1	2	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0
17	0	2	0	0	0	0	2	0	0	0	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	----	1	0	0	2	0	2	0	0	0	1	0	0	0	0	0	0	0
19	2	0	0	0	2	0	0	2	0	0	2	0	0	2	0	1	0	1	0	0	0	1	1	1	1	1
20	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	----	0	2	0	0	1	0	0	0	0
21	0	0	1	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0
22	0	2	0	2	0	1	0	0	1	0	0	1	0	0	0	0	0	2	0	0	0	2	0	2	1	1
23	0	0	0	0	0	1	0	2	0	3	0	2	0	1	0	0	1	0								

PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. * - INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

	POLLUTANT - PARTICULATES - SOILING INDEX										UNITS - 0.1 CONCS/1000 FT																	
	STATION - NE NO 77016 ASH ST WATER TANK. SUDBURY										MONTH - AUG 77																	
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	***	***	***	***	0	0	7	0	***	***	***	0	2	0	***	0	0	0	0	***	***	***	***	***	***	***	***	***
2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
3	0	1	1	0	1	1	0	0	0	2	0	0	2	0	2	0	1	0	2	0	3	0	2	0	2	0	1	0
4	2	0	2	0	2	0	2	1	0	2	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	1	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	2	0	0	0	1	0	2	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	***	0	0	0	0	***	0	2	0	3	0	0	2	0	0	0	0	0	0	0	0	0	0	0	***	0	0	0
10	***	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	2	0	2	1	0	0	0	0										

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. * - " INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77028 GOVERNMENT/EDWARD ST CONISTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.6	6	17
FEB	28	2.1	7	16
MAR	31	2.1	12	26
APR	30	0.9	4	17
MAY	31	0.4	3	10
JUN	30	0.5	2	15
JUL	31	0.7	2	14
AUG	29	0.4	2	10
SEP	30	0.6	2	8
OCT	29	1.4	4	11
NOV	30	1.6	4	17
DEC	31	2.5	9	26
YEAR	361	1.3	12	26

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77028 GOVERNMENT/EDWARD ST CONISTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	582	136	9	2	0	0	0	729
FEB	557	96	5	1	0	0	0	649
MAR	624	76	16	2	3	0	0	721
APR	668	25	3	1	0	0	0	697
MAY	714	8	0	0	0	0	0	722
JUN	696	3	1	0	0	0	0	700
JUL	692	7	4	0	0	0	0	703
AUG	656	6	0	0	0	0	0	662
SEP	695	10	0	0	0	0	0	705
OCT	640	61	1	0	0	0	0	702
NOV	636	53	3	1	0	0	0	693
DEC	607	98	17	1	7	0	0	730
YEAR	7767	569	59	8	10	0	0	8413

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.0	0	0.0	0.0	0.0	1.3	3.3	5.1	7.8	9.8	26	1.3

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1977

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77075 KENNEDY ST NEW SUDBURY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.1	4	10
FEB	28	2.0	6	11
MAR	31	1.9	6	14
APR	30	1.5	4	8
MAY	29	1.2	3	15
JUN	25	0.7	2	5
JUL	31	0.7	2	9
AUG	31	0.6	2	4
SEP	30	0.8	3	7
OCT	30	1.4	4	12
NOV	30	1.4	4	12
DEC	31	1.9	5	13
YEAR	357	1.4	6	15

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1977

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77075 KENNEDY ST NEW SUDBURY

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	649	76	0	0	0	0	0	725
FEB	568	79	6	0	0	0	0	653
MAR	676	43	2	0	0	0	0	721
APR	663	33	0	0	0	0	0	696
MAY	682	16	1	0	0	0	0	699
JUN	623	4	0	0	0	0	0	627
JUL	701	6	0	0	0	0	0	707
AUG	722	0	0	0	0	0	0	722
SEP	685	15	0	0	0	0	0	700
OCT	664	40	2	0	0	0	0	706
NOV	662	33	1	0	0	0	0	696
DEC	655	73	4	0	0	0	0	732
YEAR	7950	418	16	0	0	0	0	8384

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
95.7	0	0.0	0.0	0.1	1.6	3.0	4.1	5.7	6.9	15	1.4

128
8005

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